

1/65

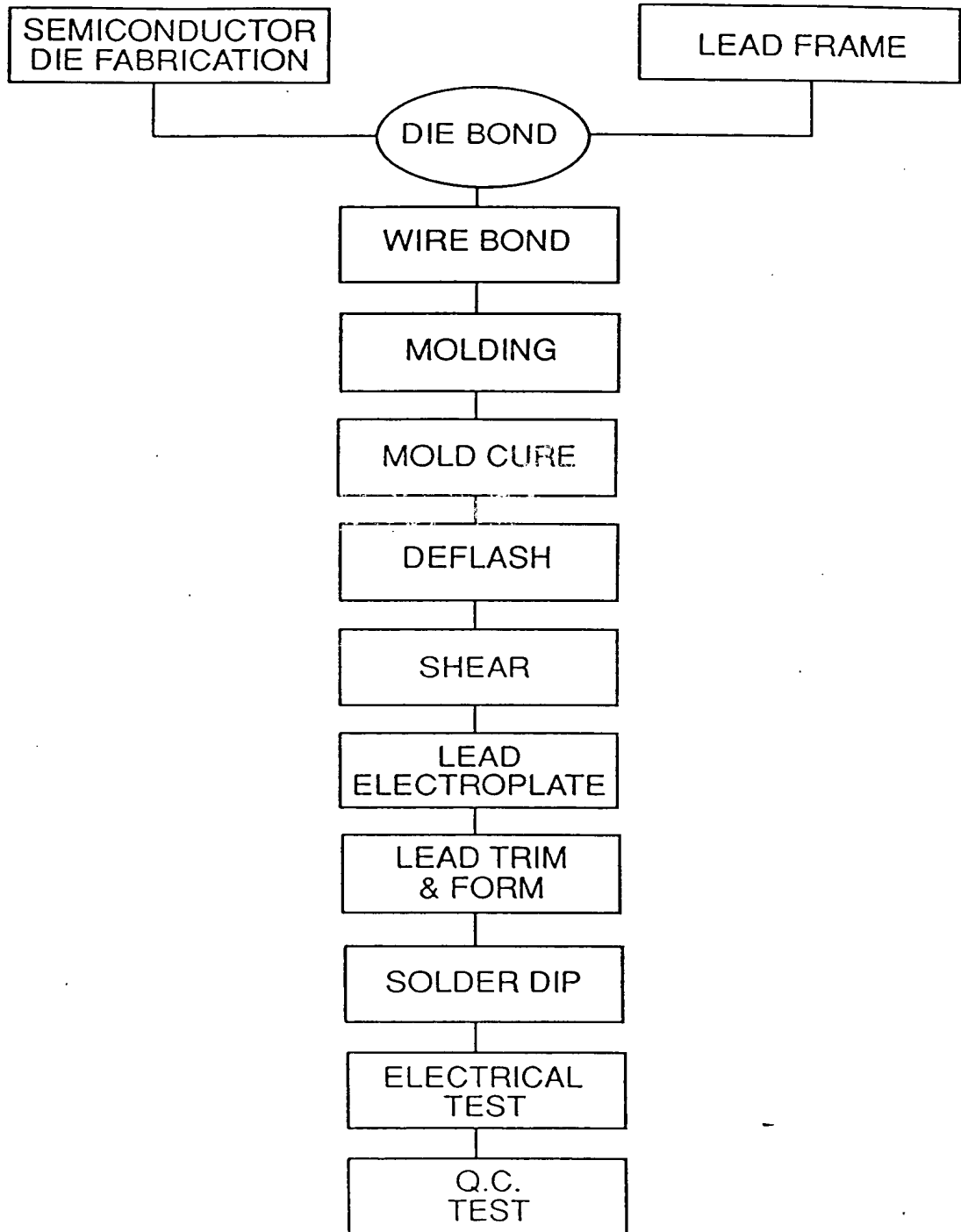
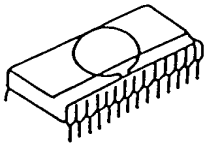
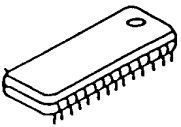
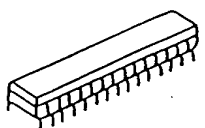
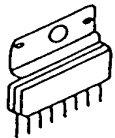
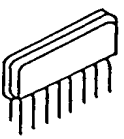
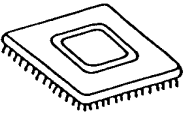


FIG. 1  
PRIOR ART

## THROUGH HOLE PACKAGE

	DIP (DUAL IN-LINE PACKAGE)
	SH-DIP (SHRINK DIP)
	SK-DIP DL-DIP (SKINNY DIP, SLIM DIP)
	SIP (SINGLE IN-LINE PACKAGE)
	ZIP (ZIG-ZAG IN-LINE PACKAGE)
	PGA (PIN GRID ARRAY)

## SURFACE MOUNTED PACKAGE

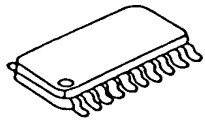
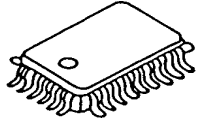
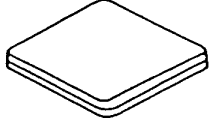
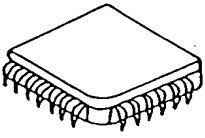
	SO OR SOP (SMALL OUT- LINE PACKAGE)
	QFP (QUAD FLAT PACKAGE)
	LCC (LEADLESS CHIP CARRIER)
	PLCC SOJ (PLASTIC LEADED CHIP CARRIER WITH BUTT LEADS)

FIG. 2

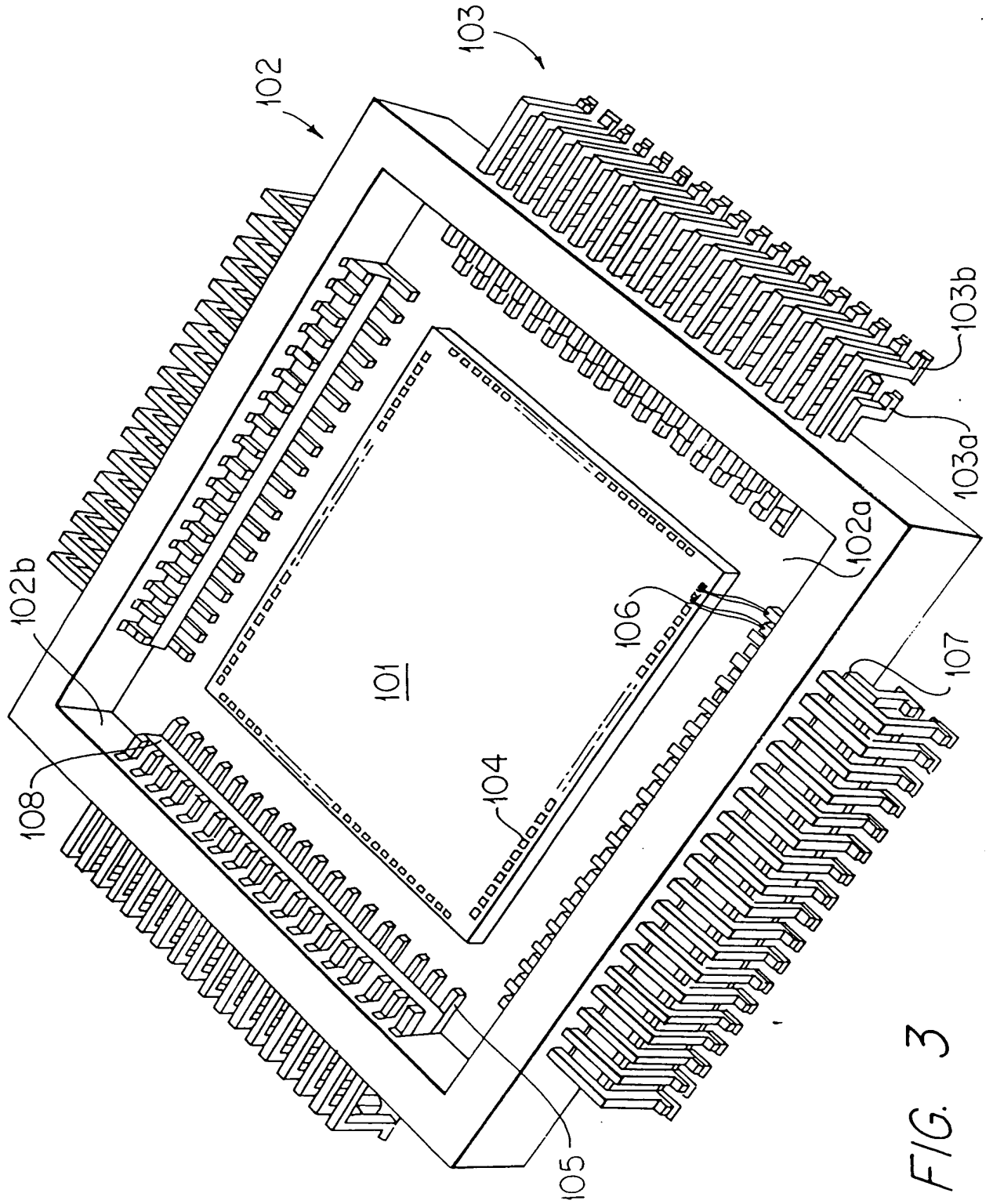


FIG. 3



5/65

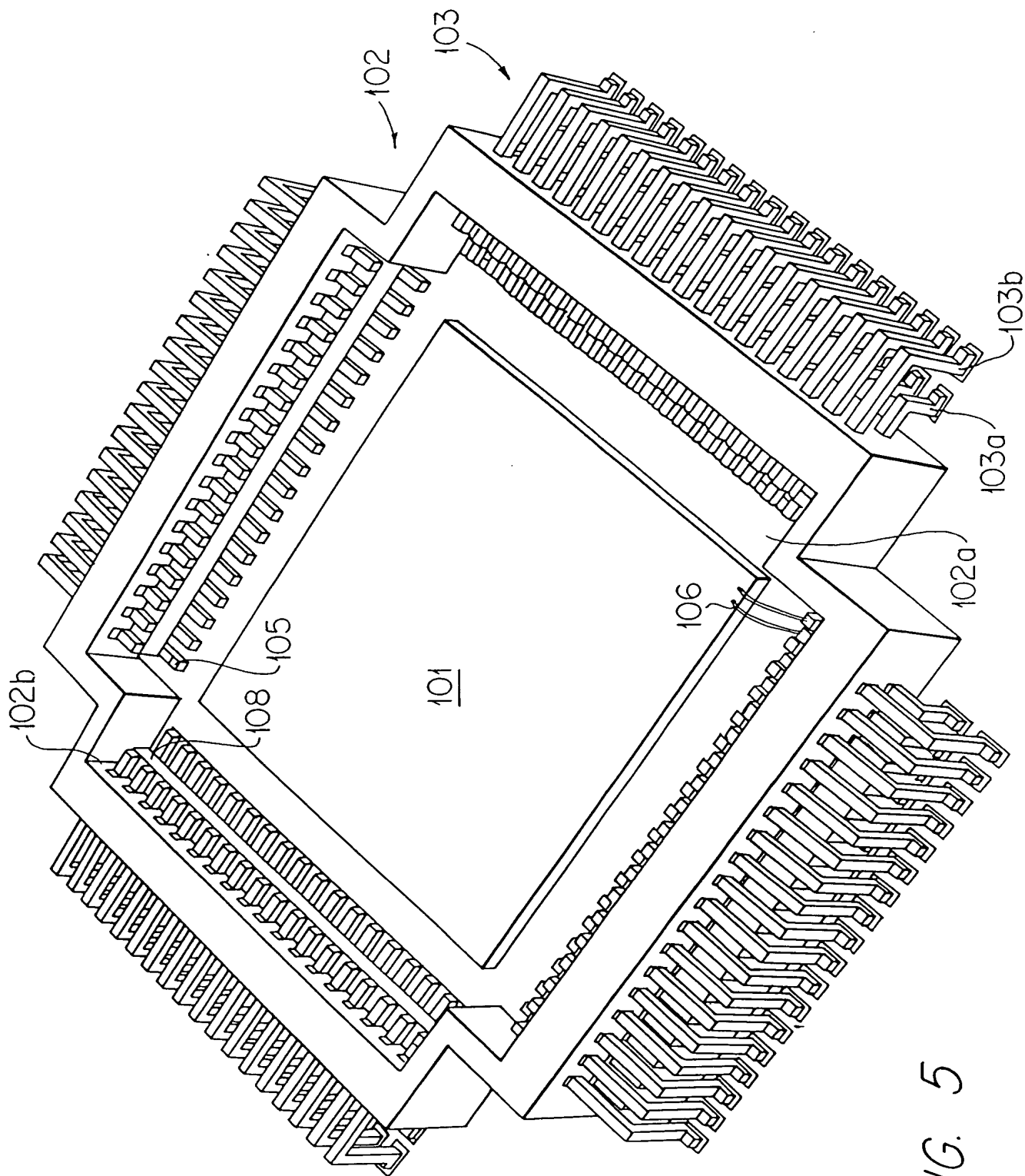


FIG. 5

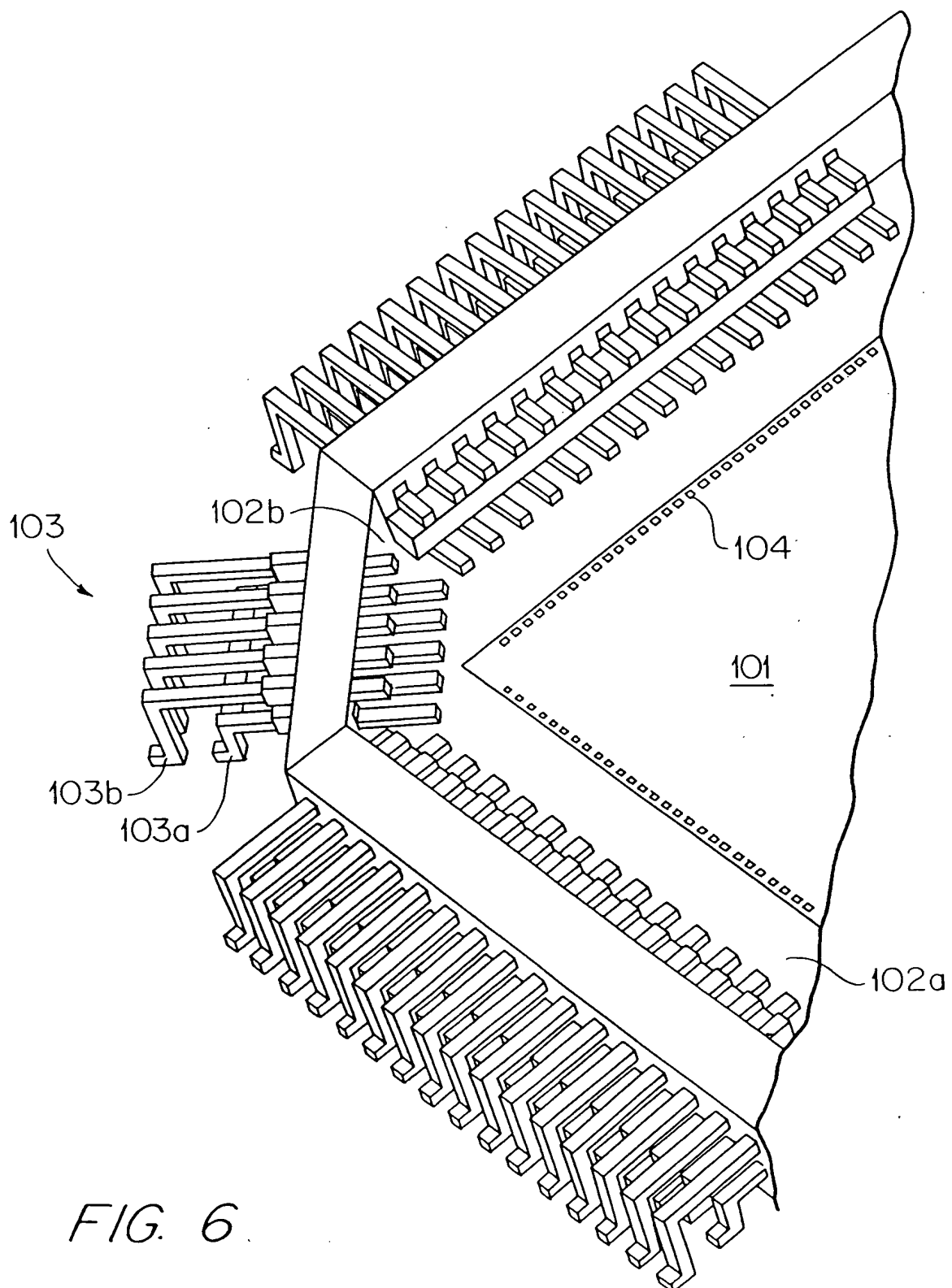


FIG. 6

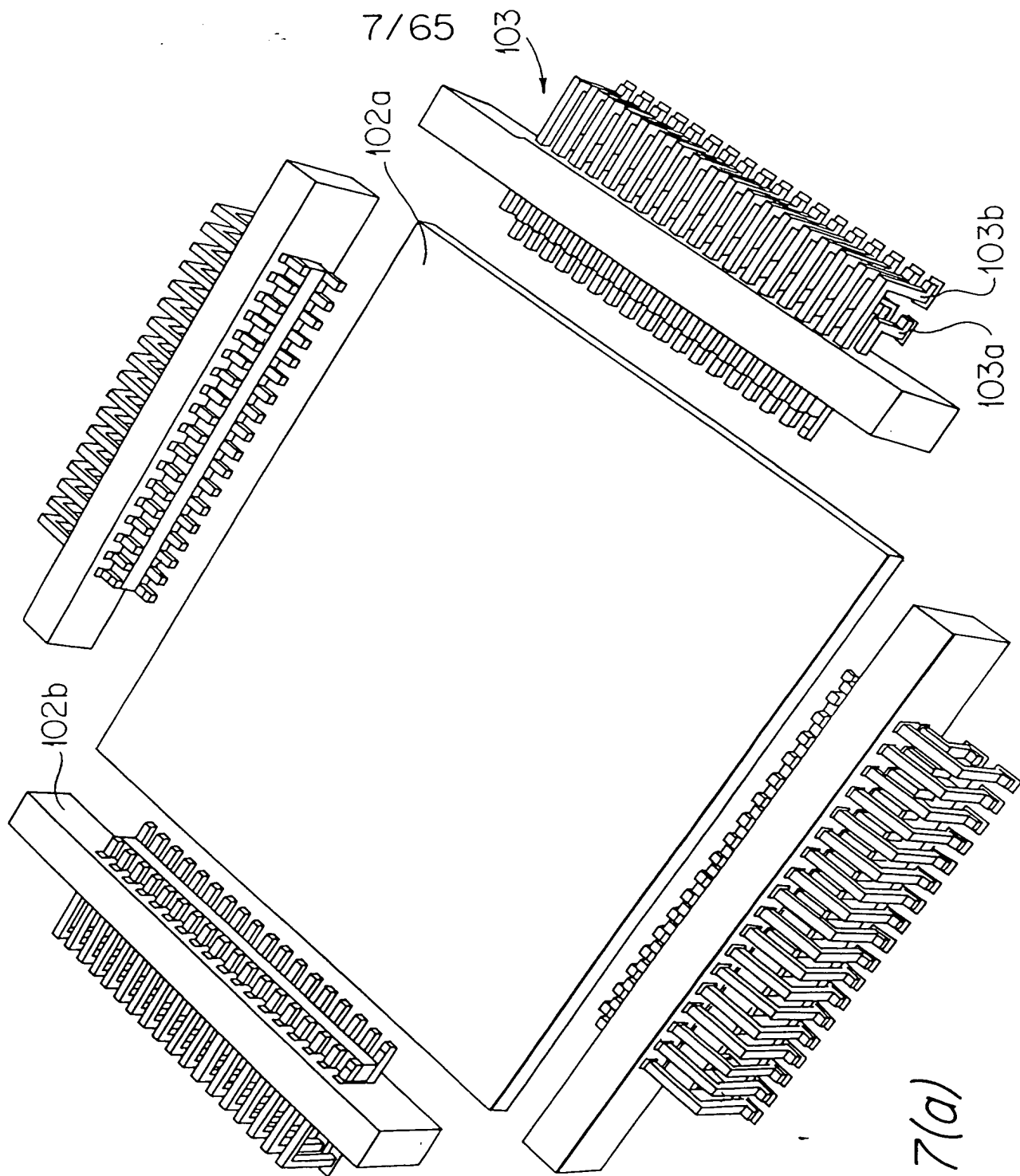


FIG. 7(a)

8/65

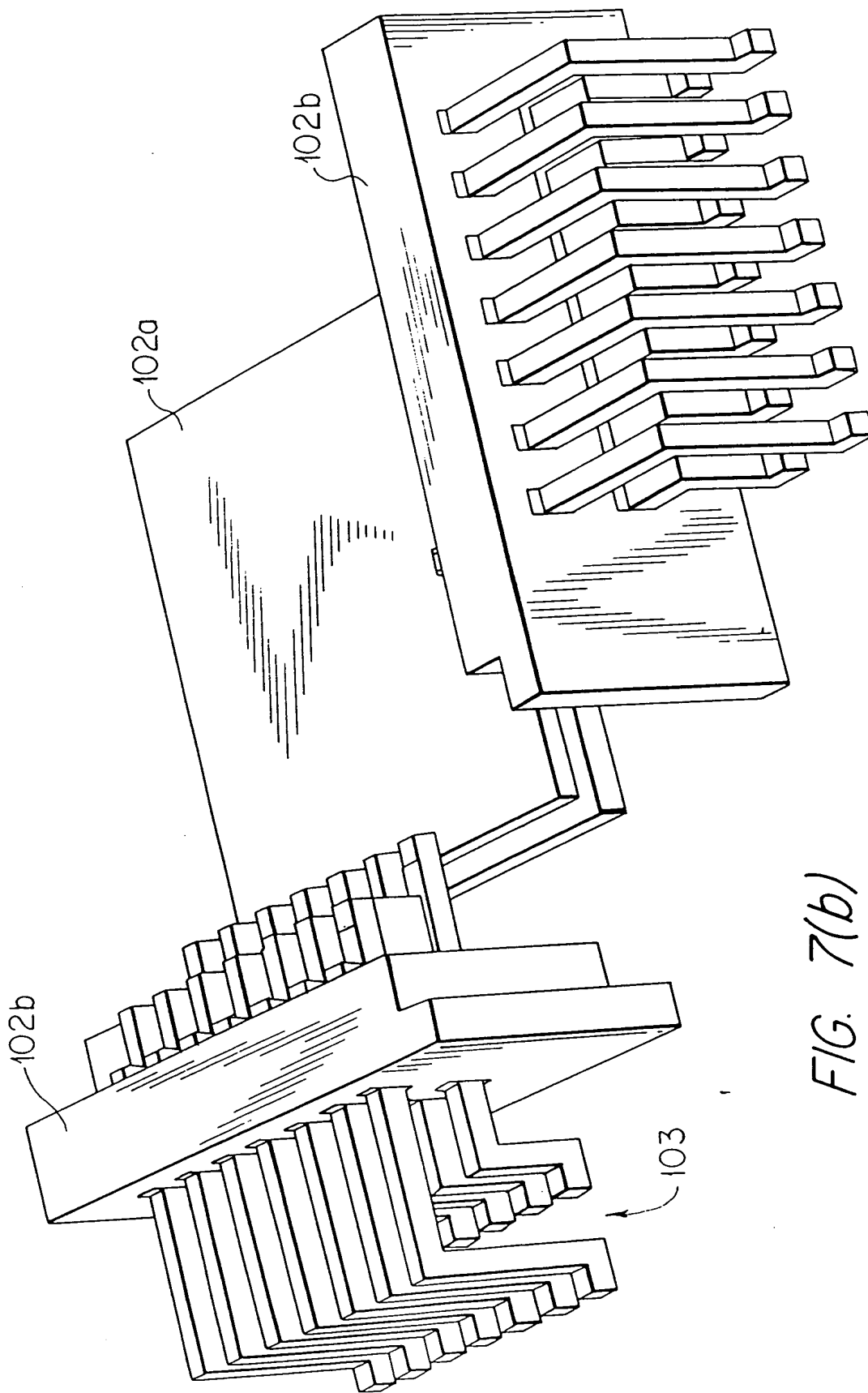


FIG. 7(b)



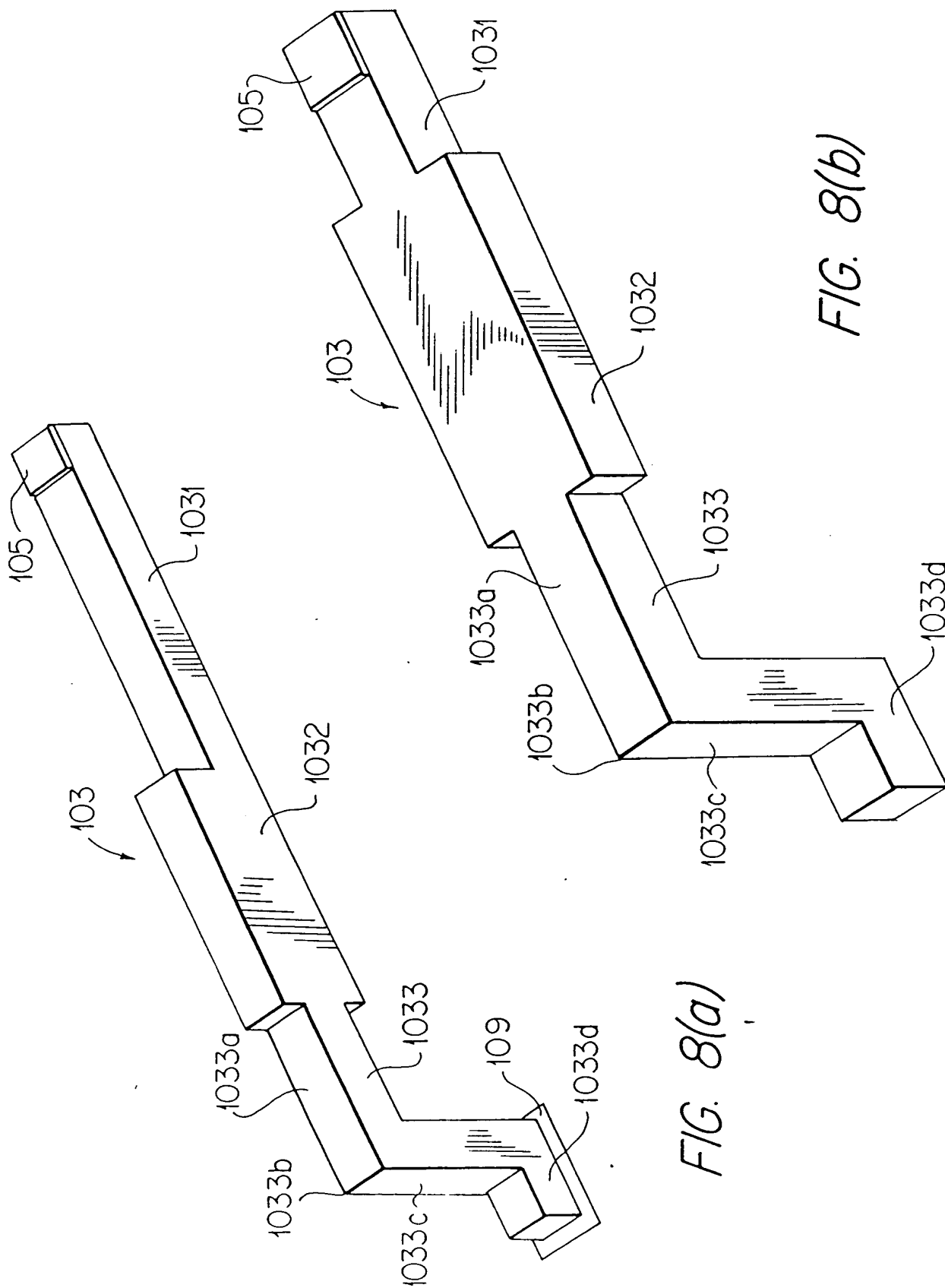


FIG. 8(a)

FIG. 8(b)

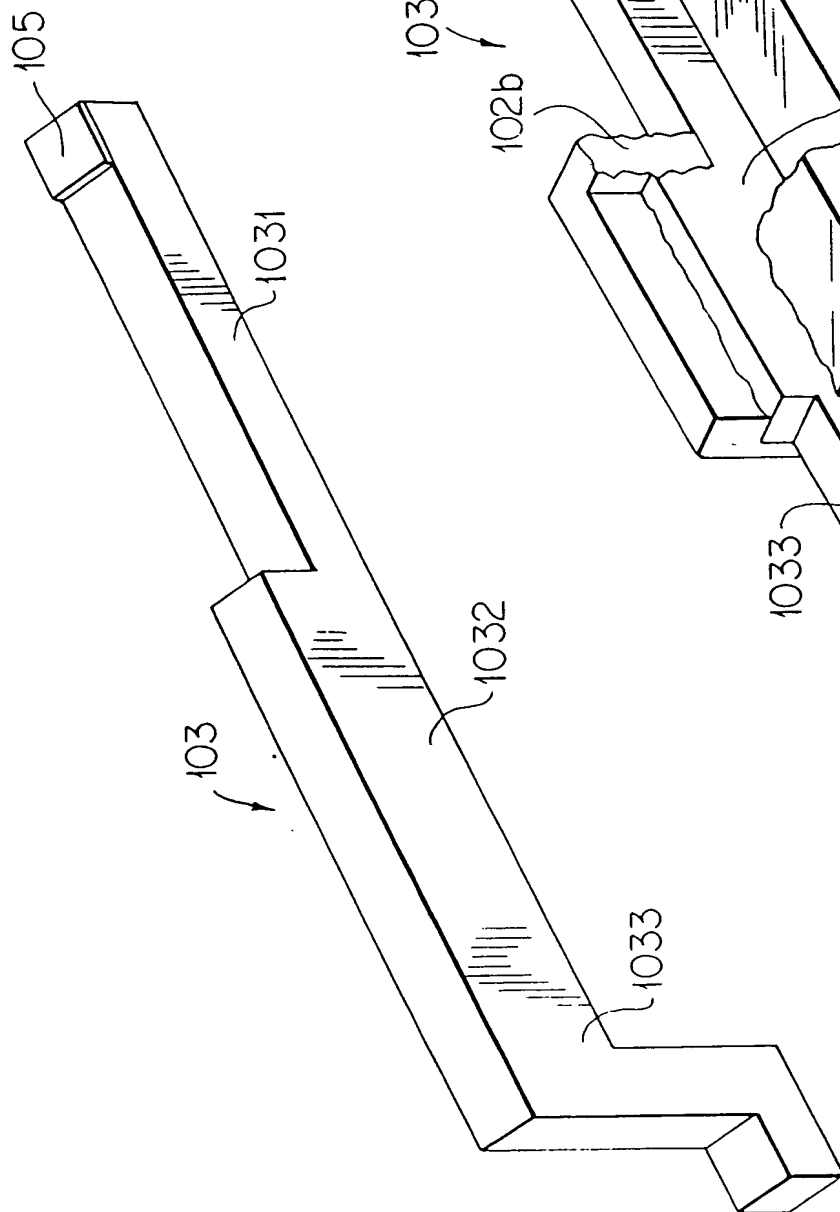


FIG. 9

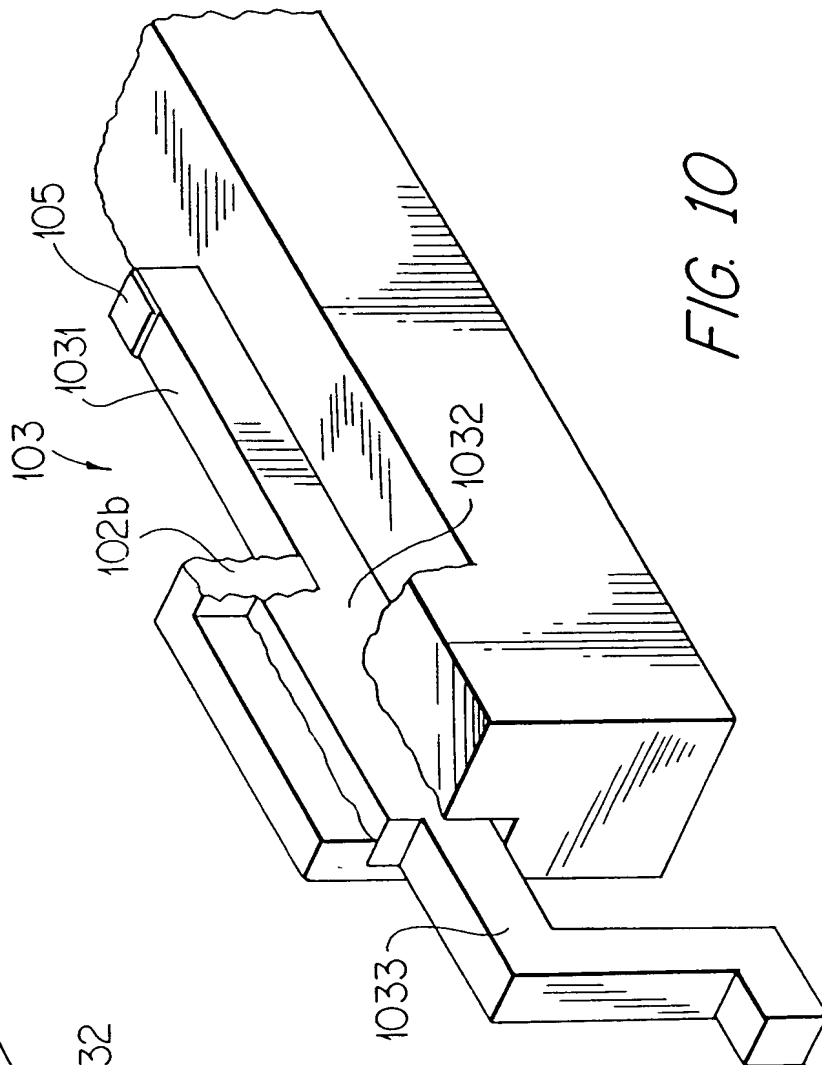


FIG. 10

11/65

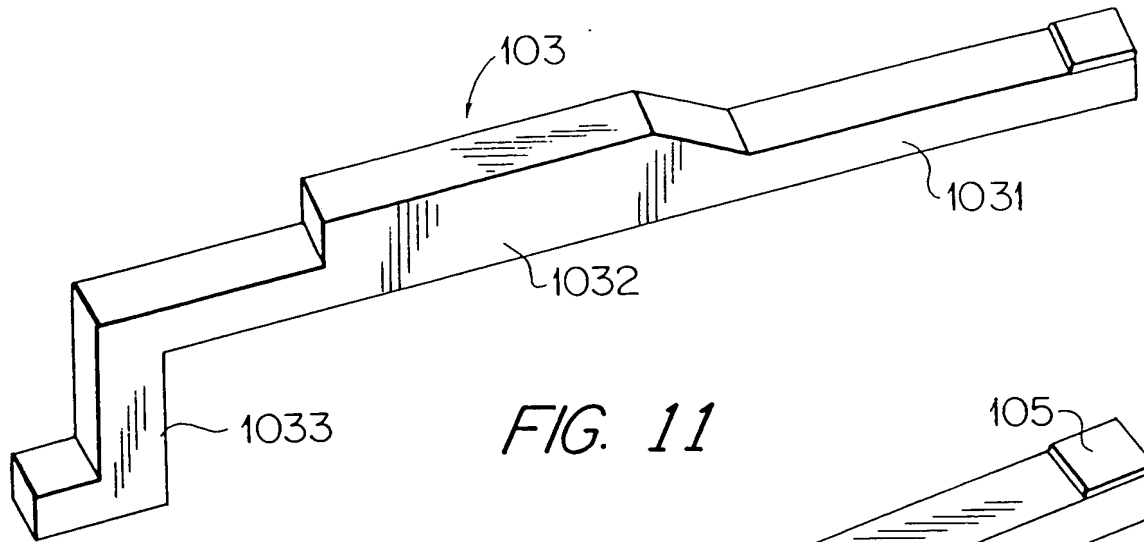


FIG. 11

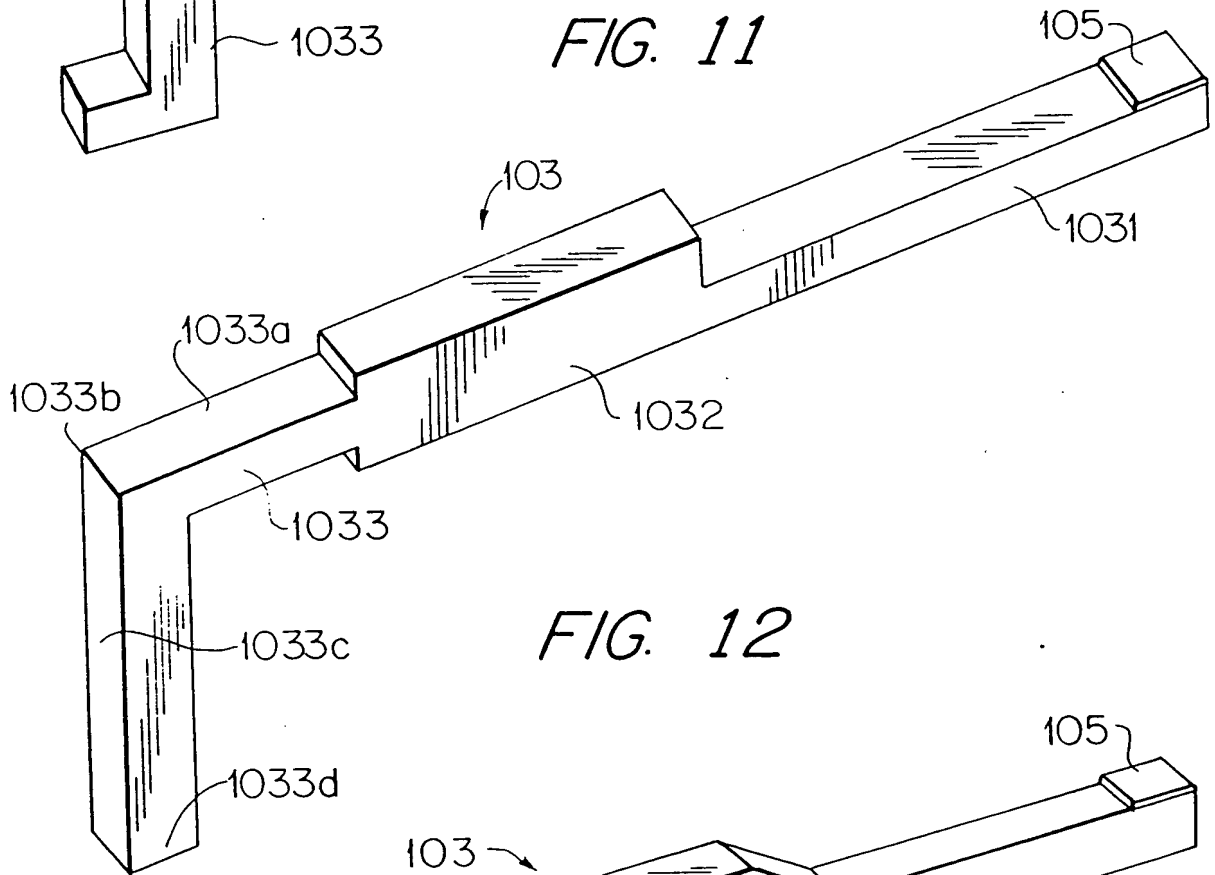


FIG. 12

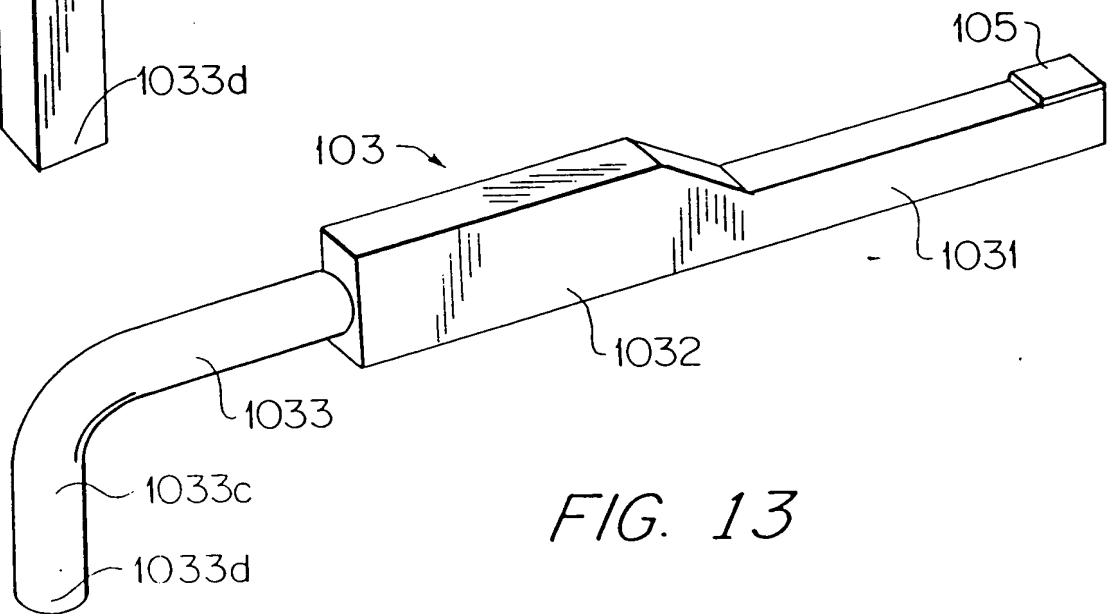
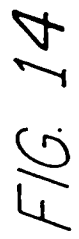


FIG. 13

FIG. 11



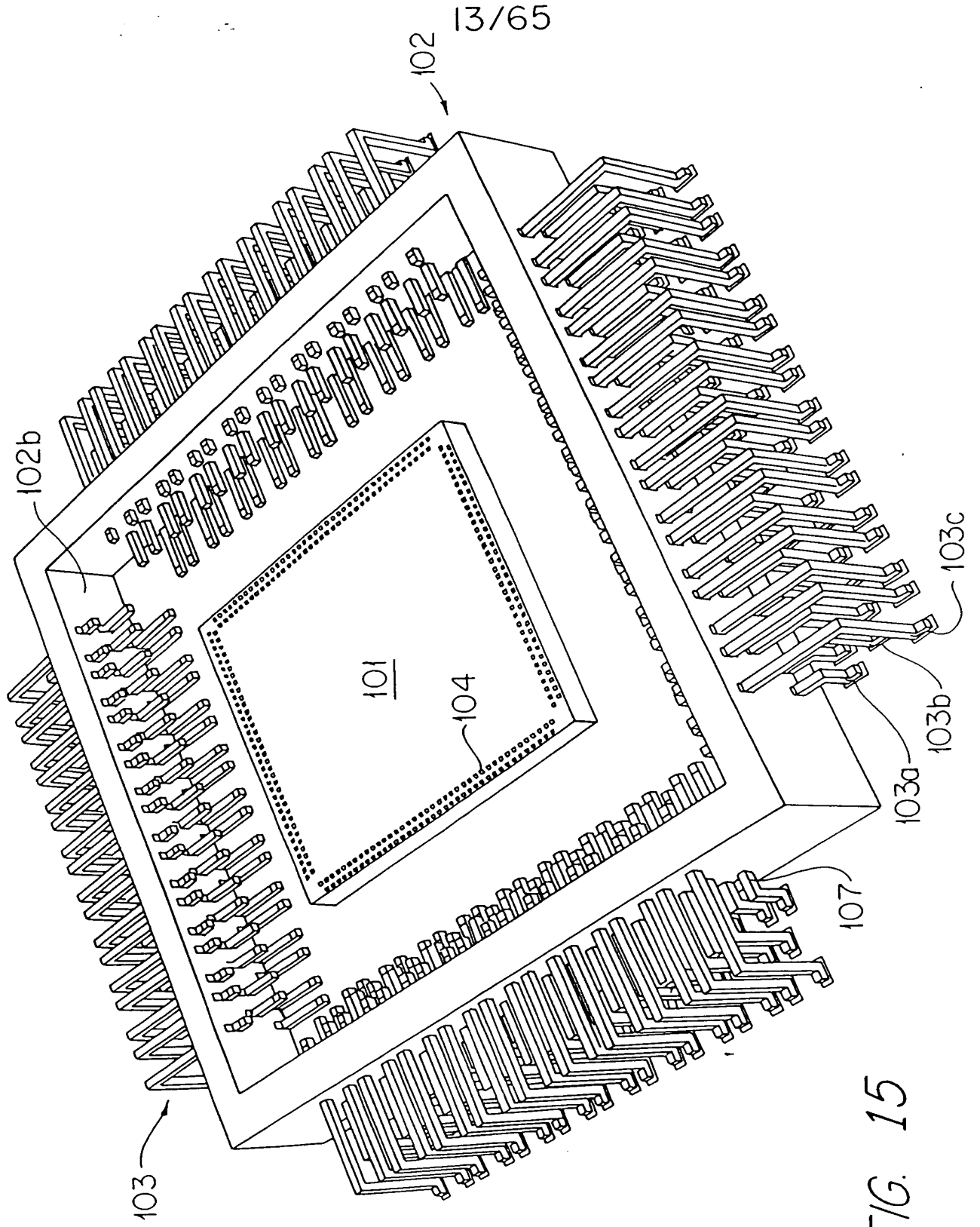


FIG. 15

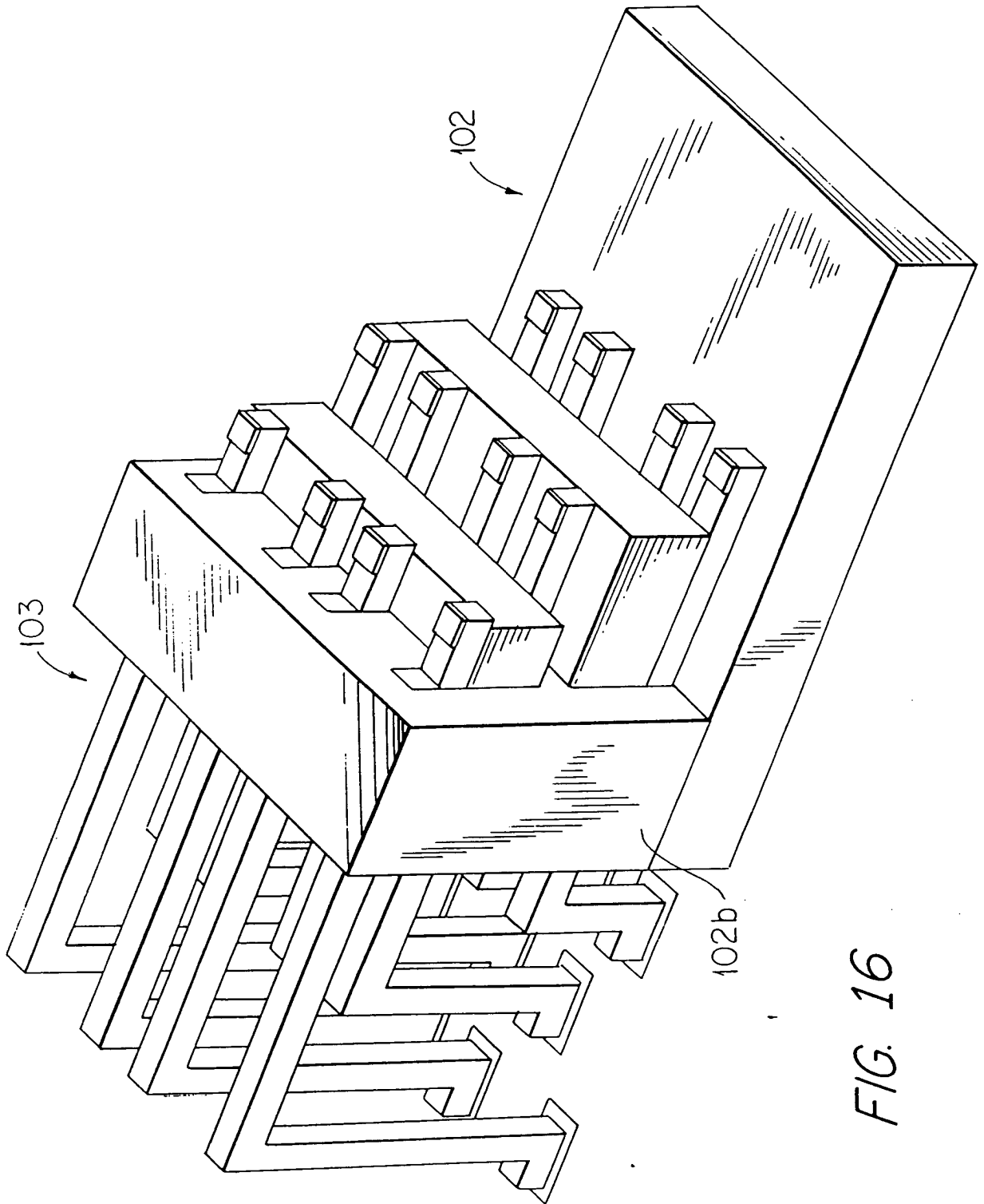


FIG. 16

FIG. 17

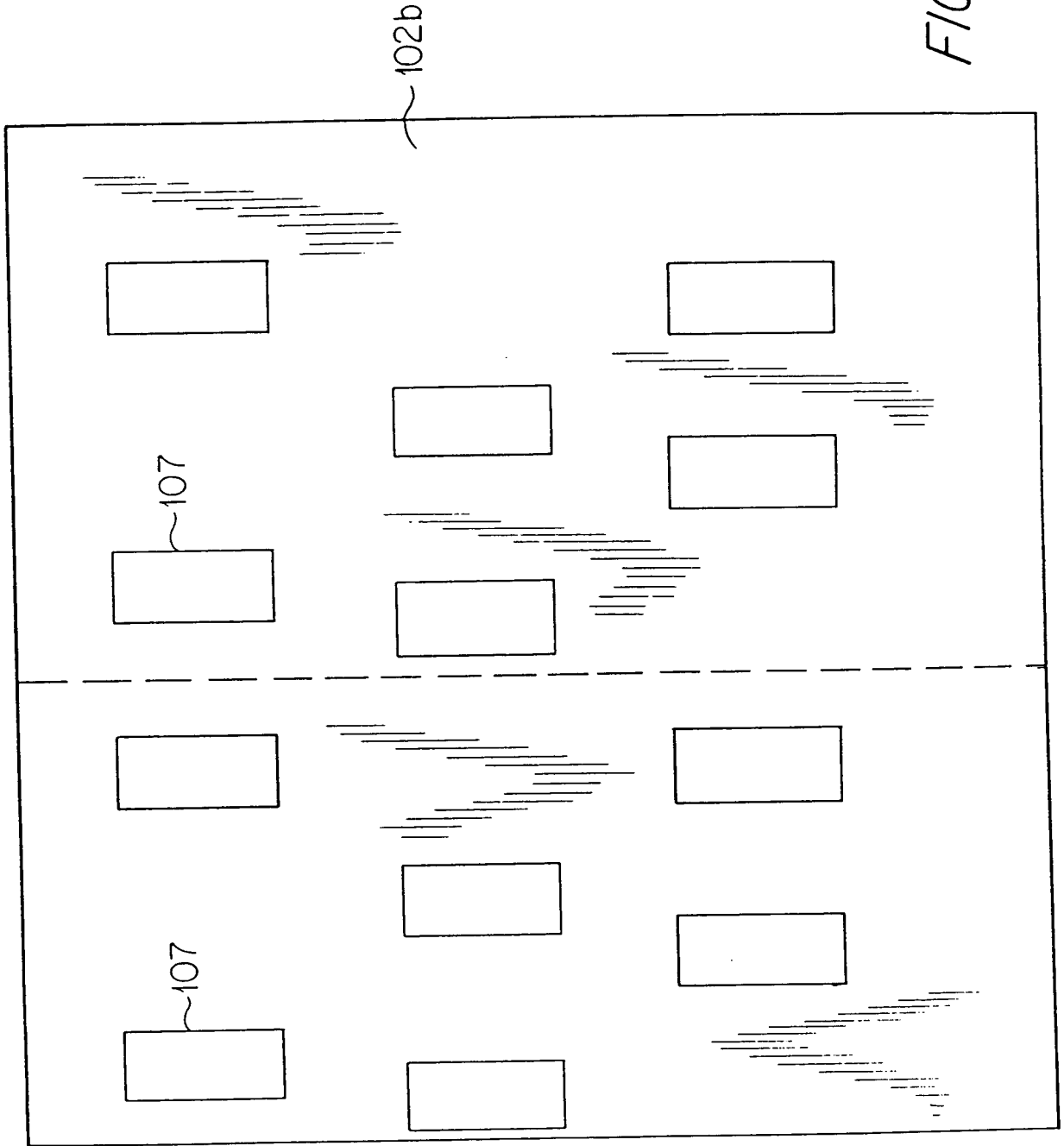
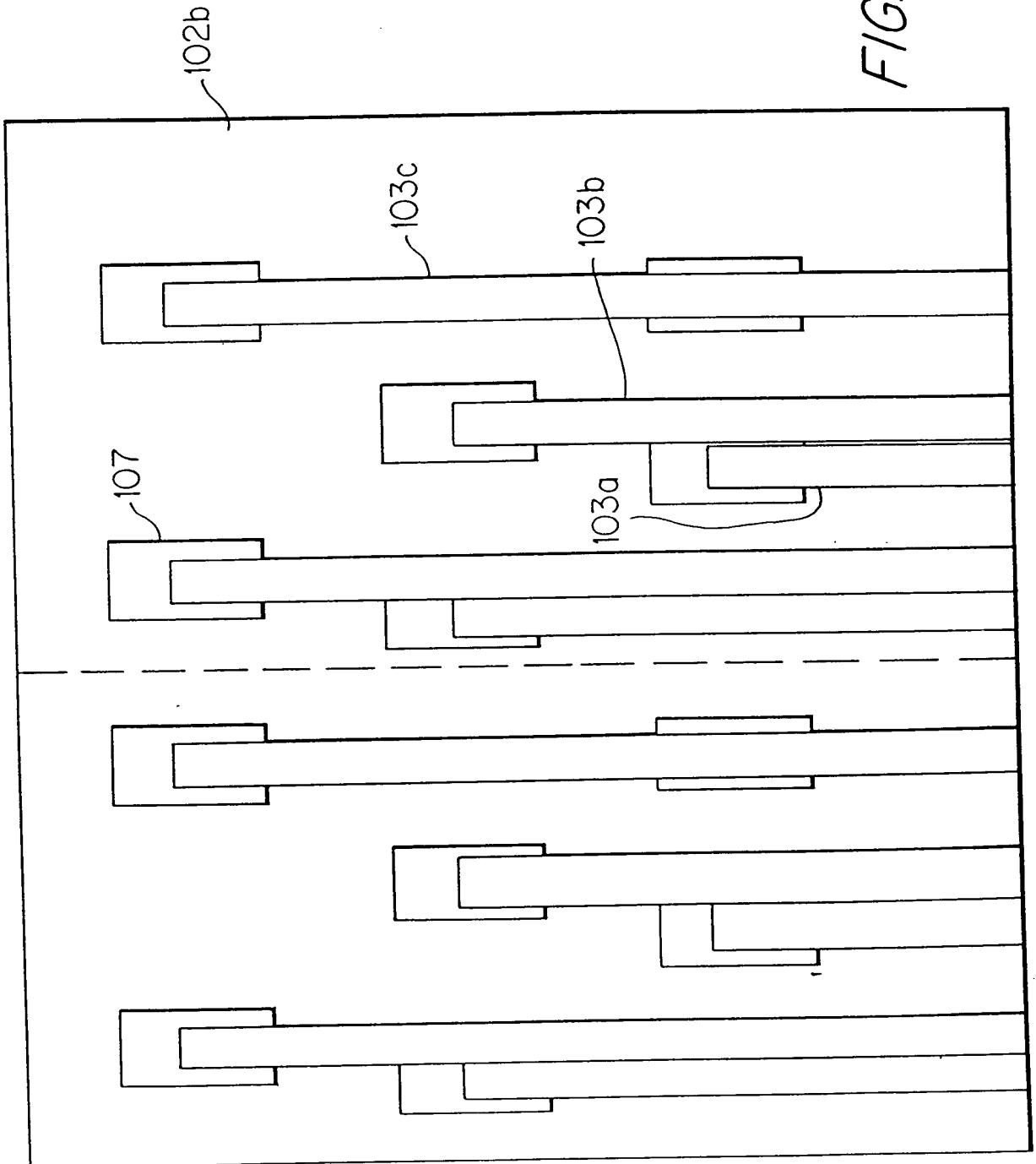


FIG. 17

FIG. 18





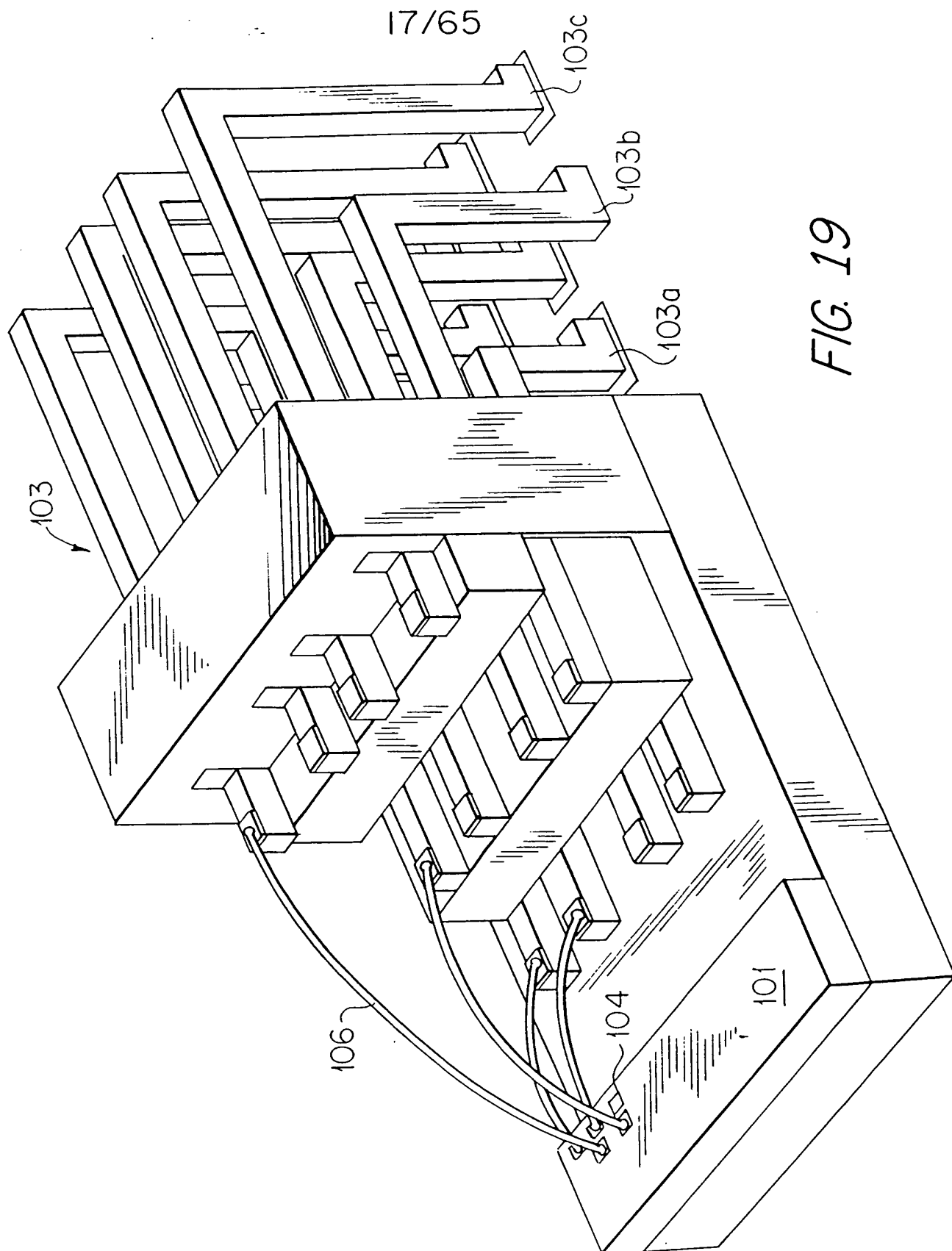


FIG. 19

18/65

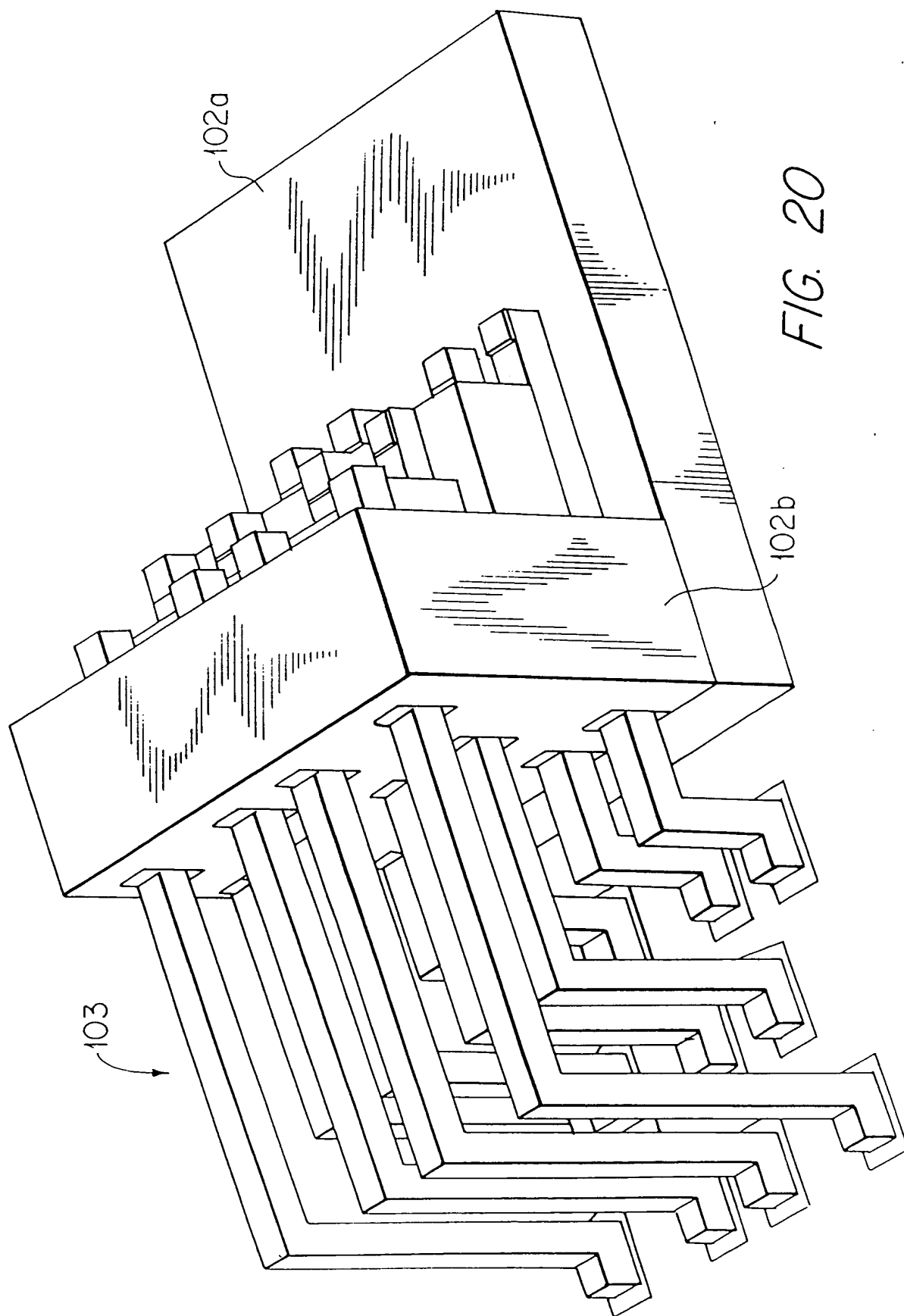
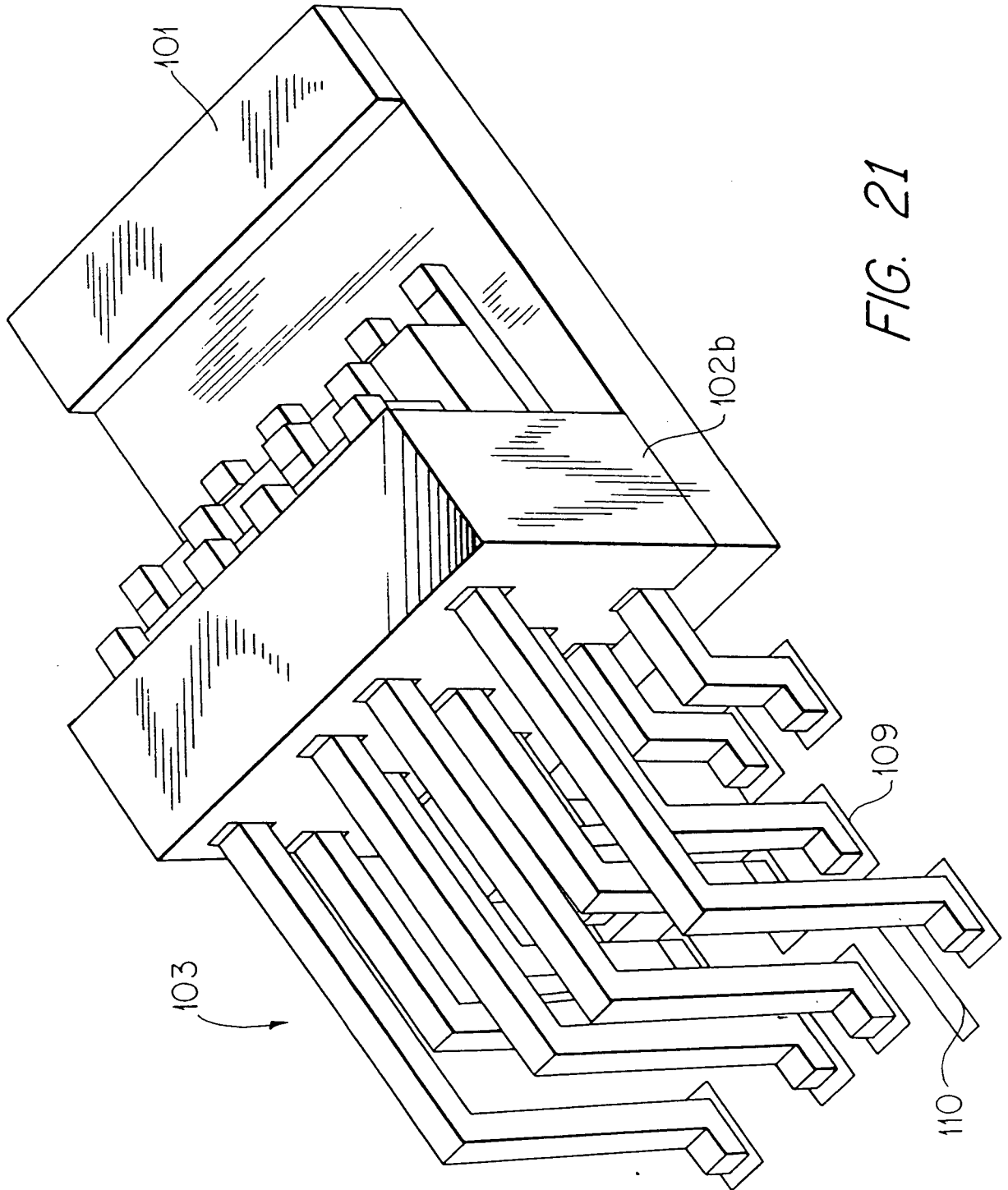


FIG. 20



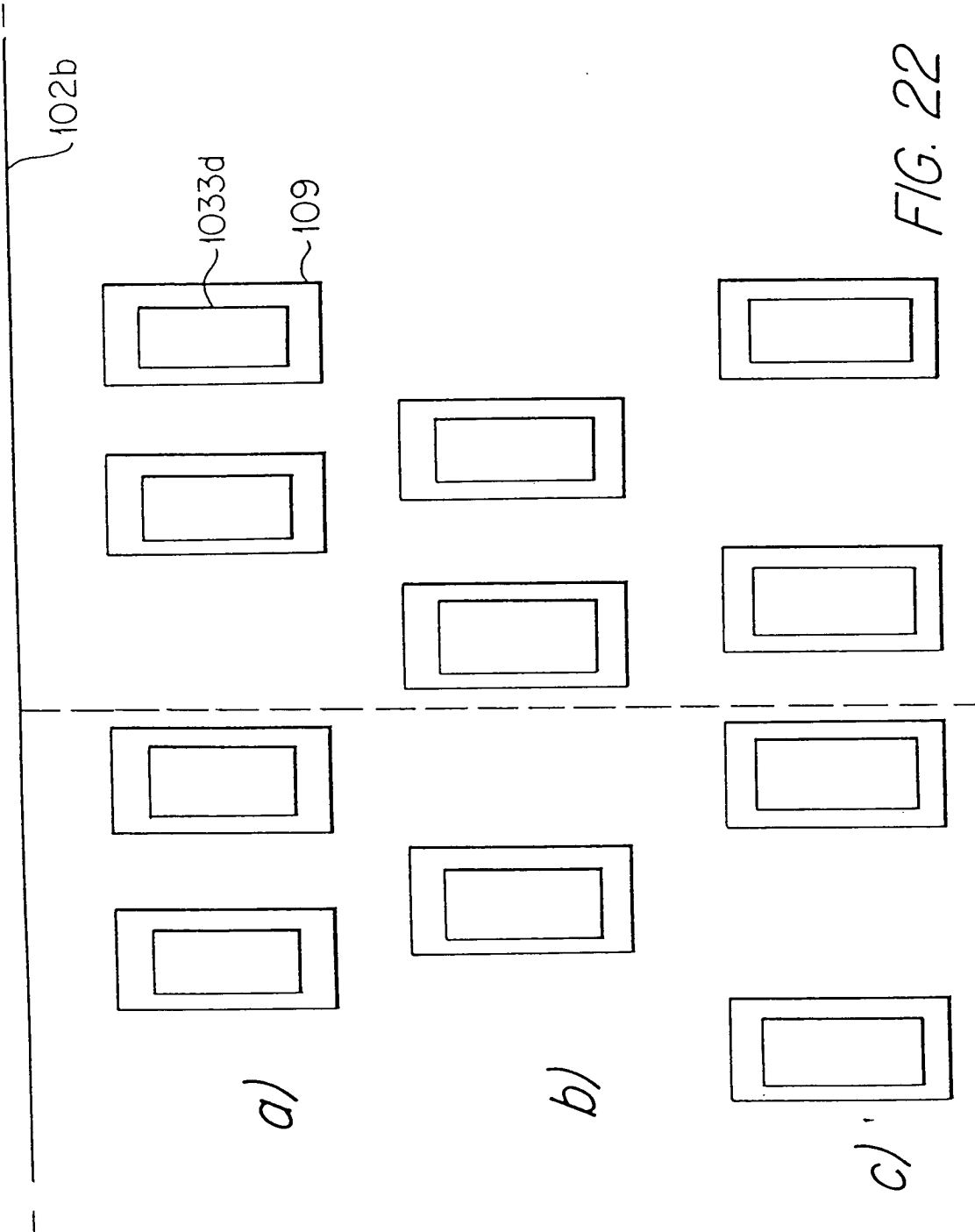


FIG. 22

FIG. 23

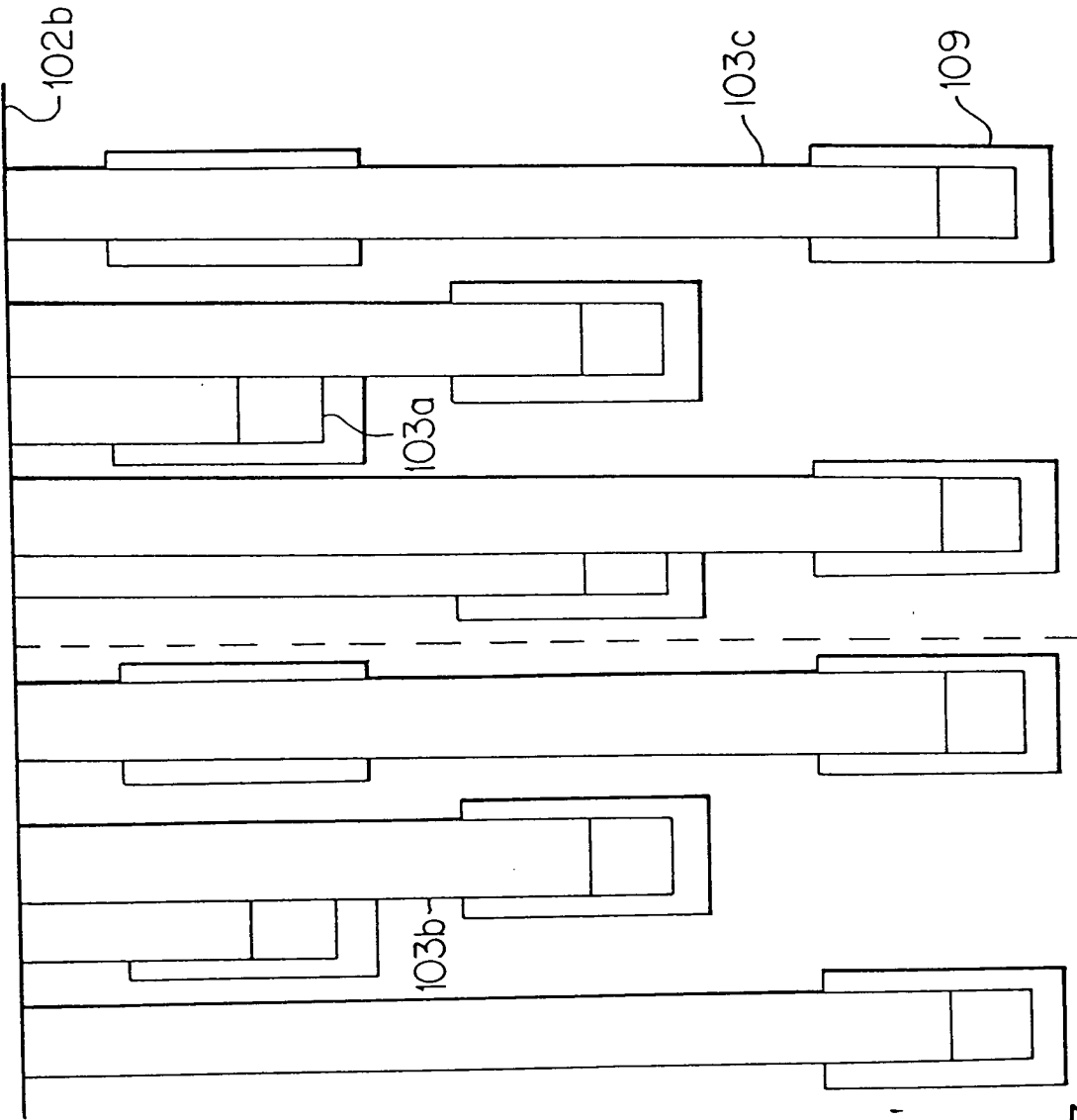


FIG. 23

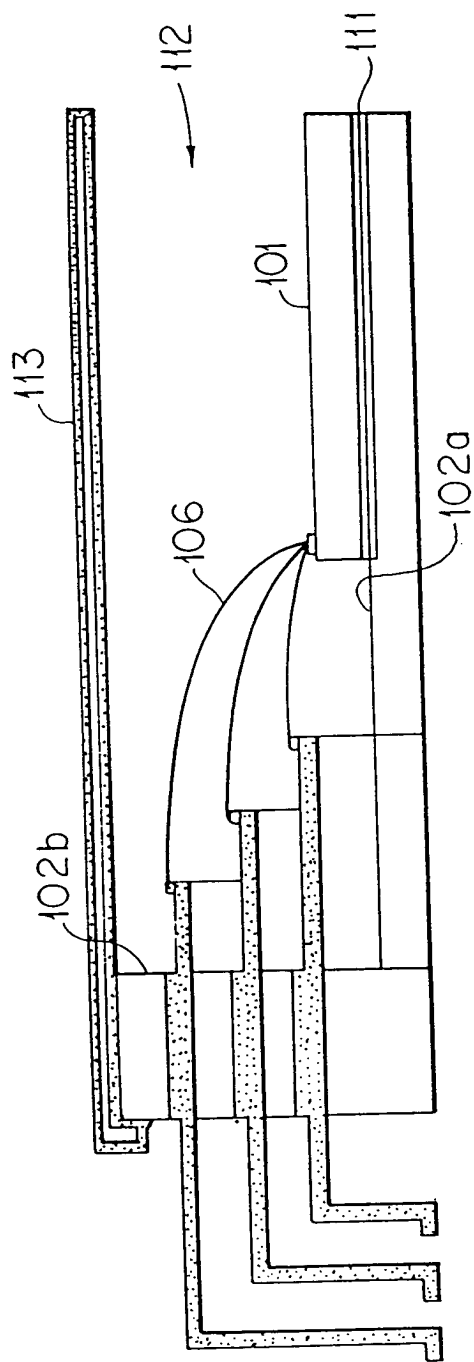


FIG. 24

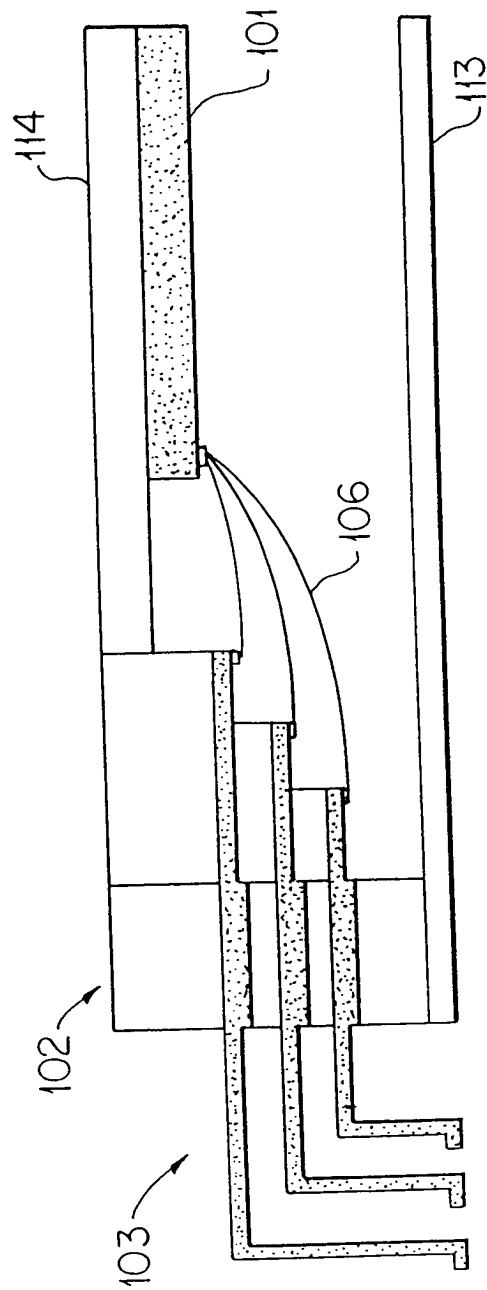


FIG. 25

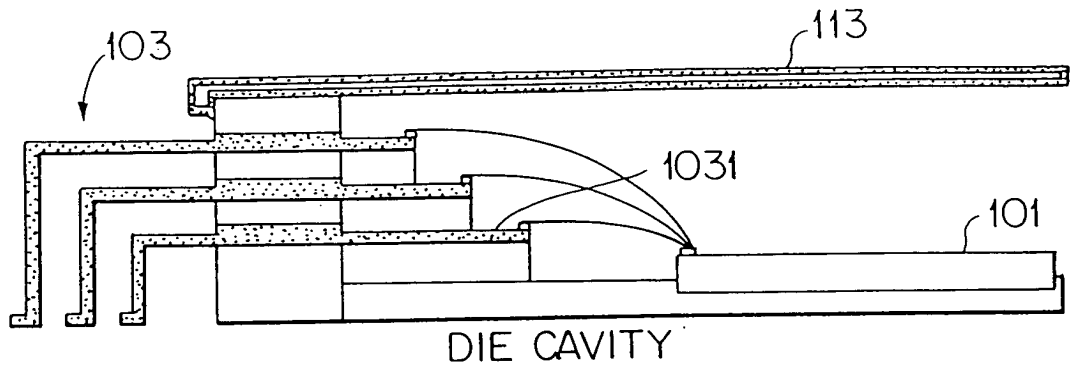


FIG. 26

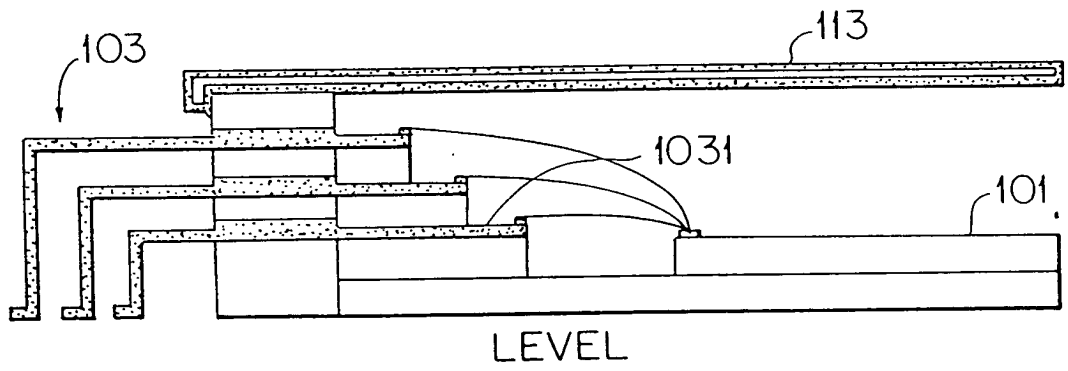


FIG. 27

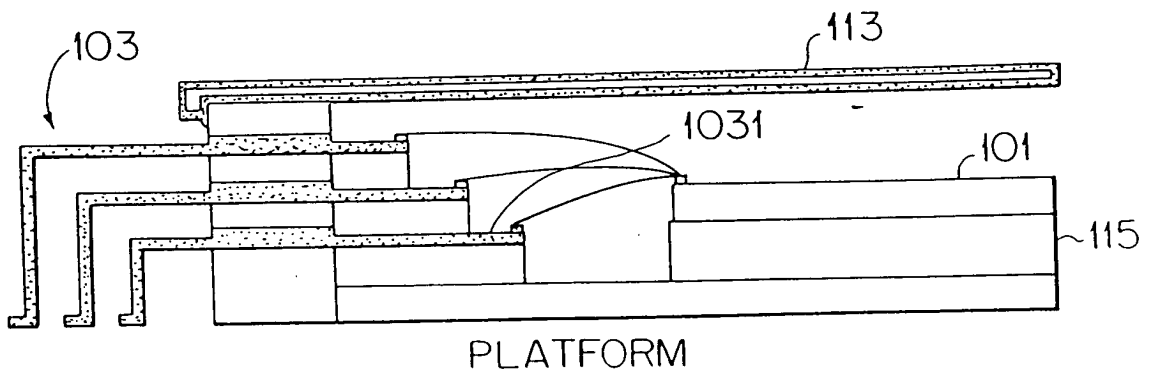


FIG. 28

"Patent" 24/65

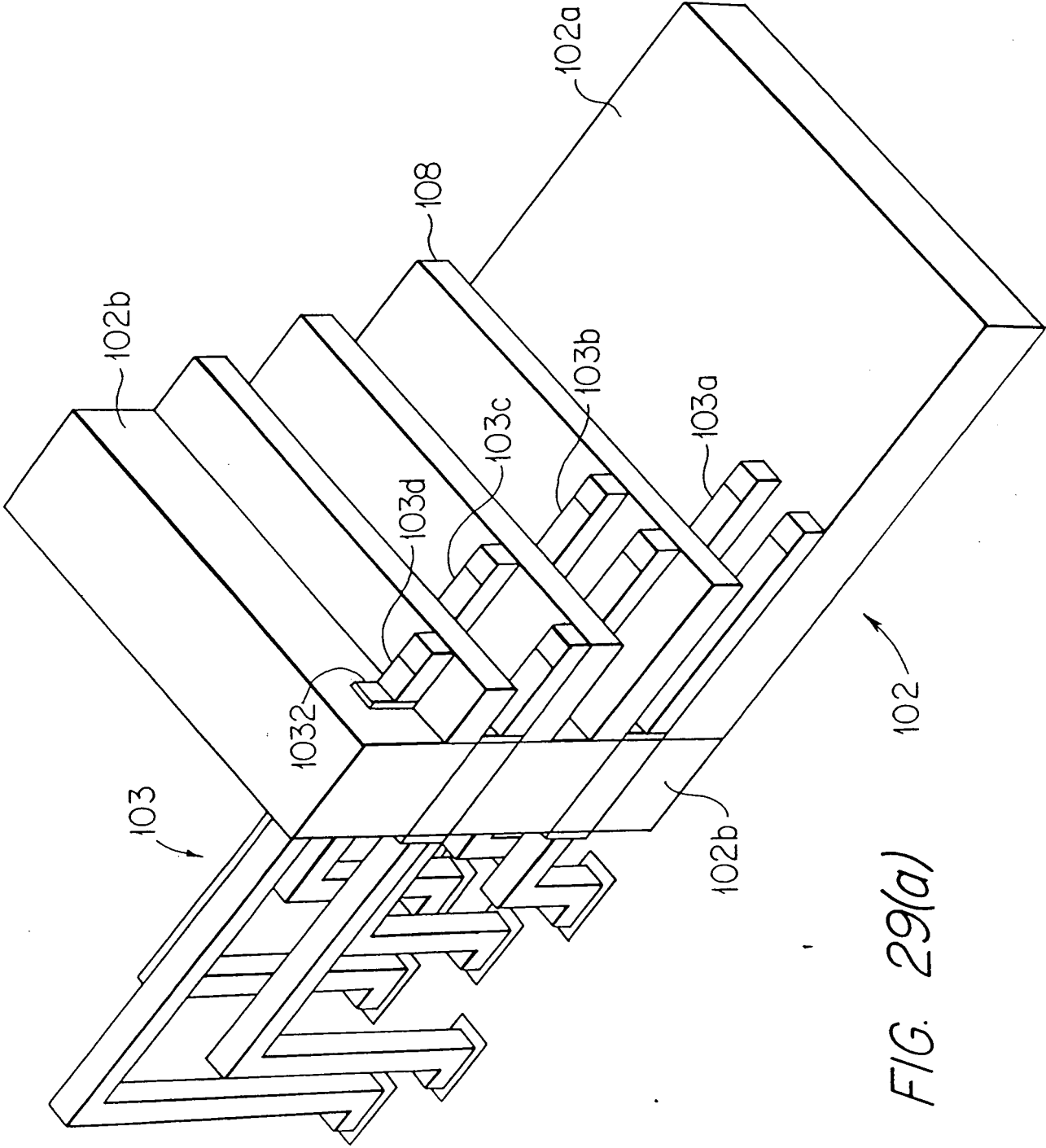


FIG. 29(a)



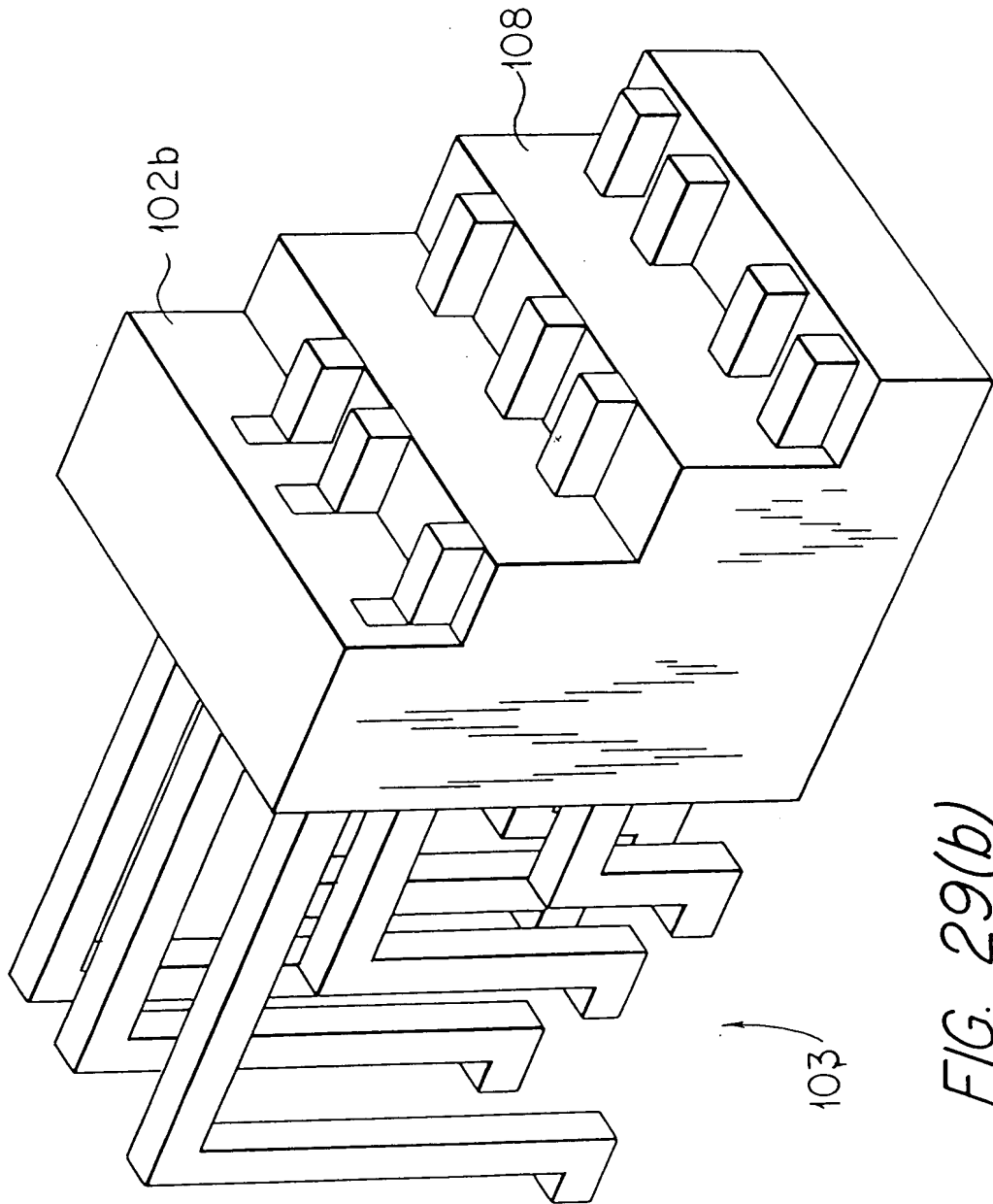
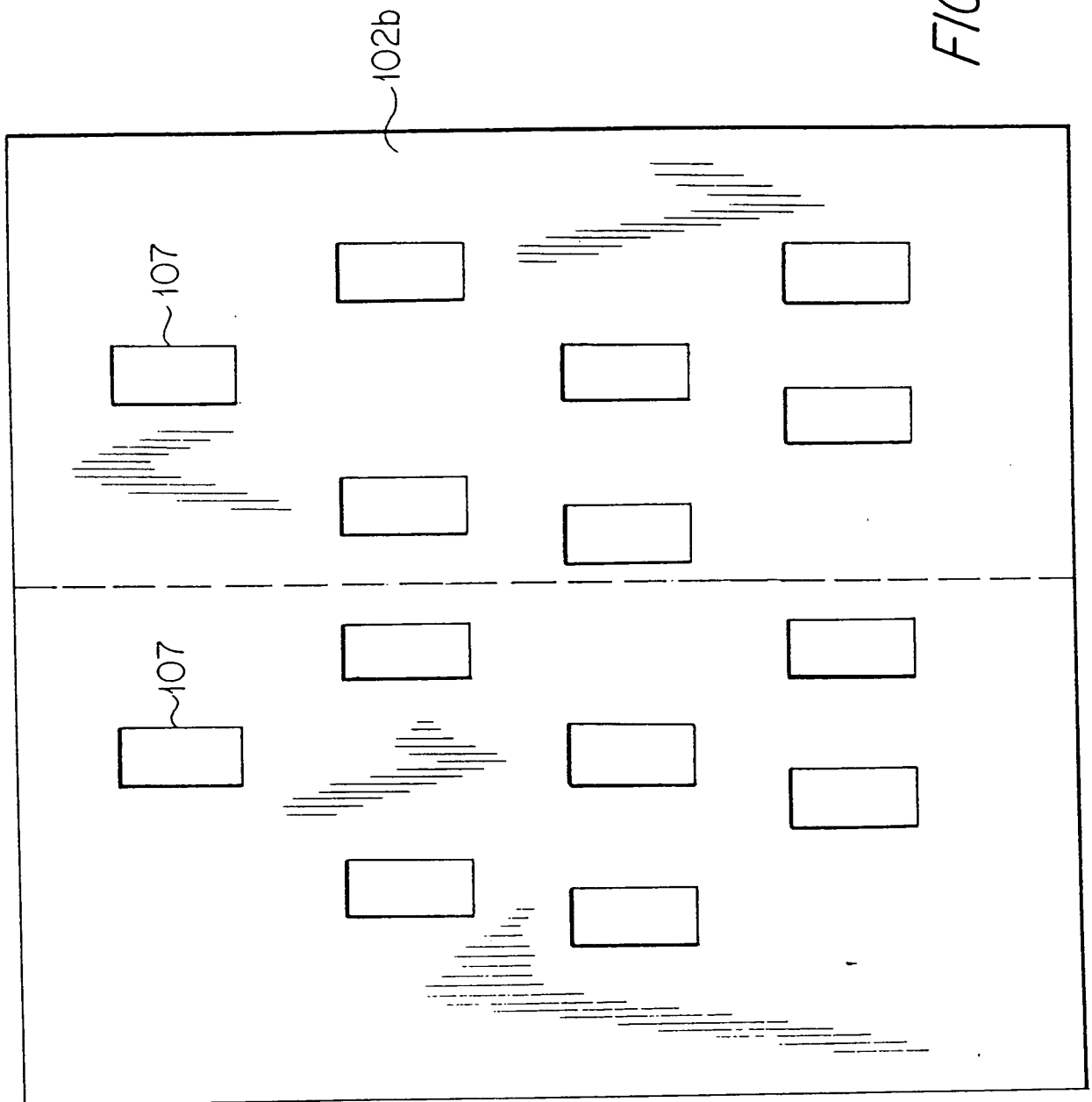
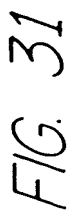


FIG. 29(b)

FIG. 30





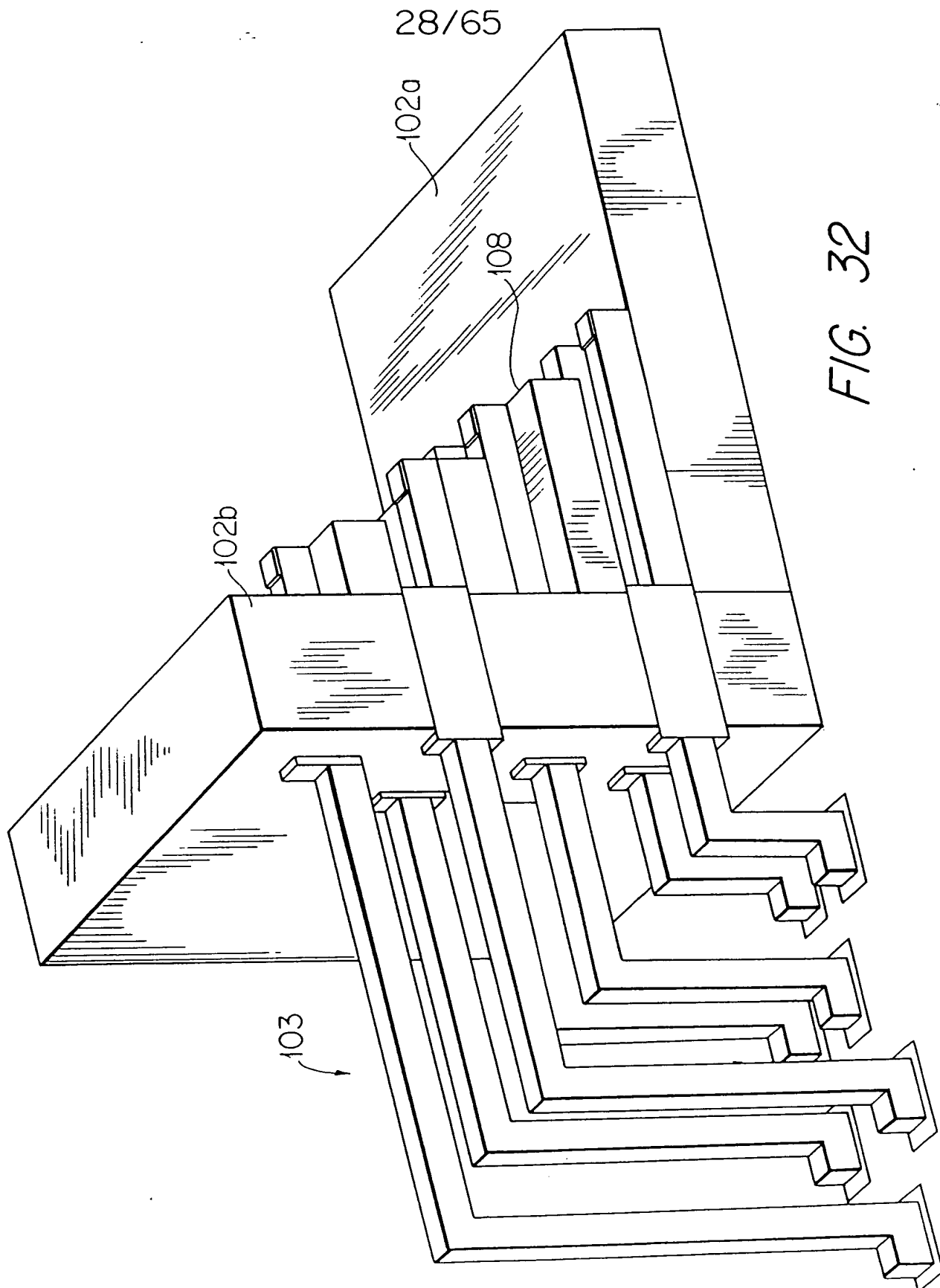


FIG. 32

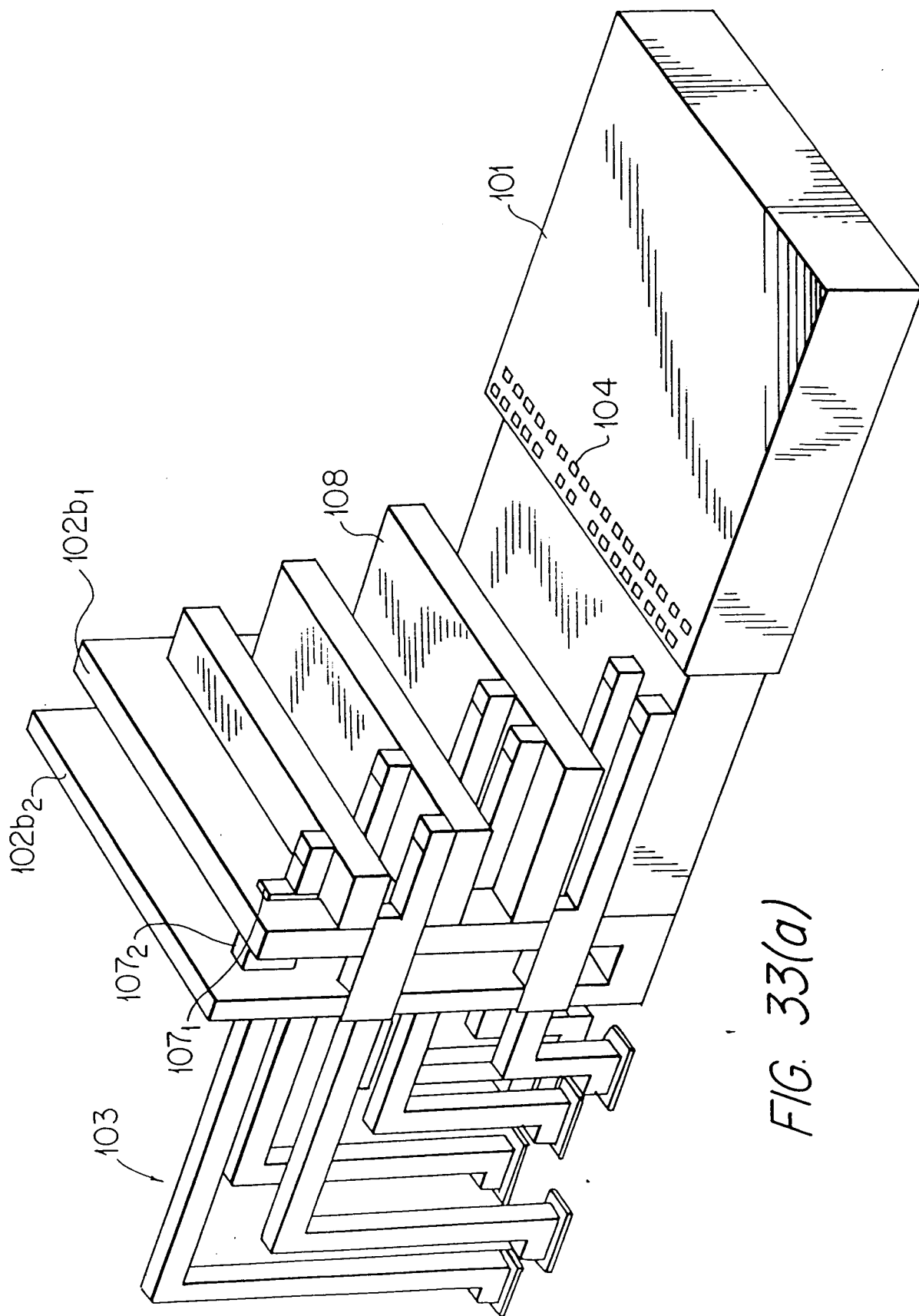


FIG. 33(a)

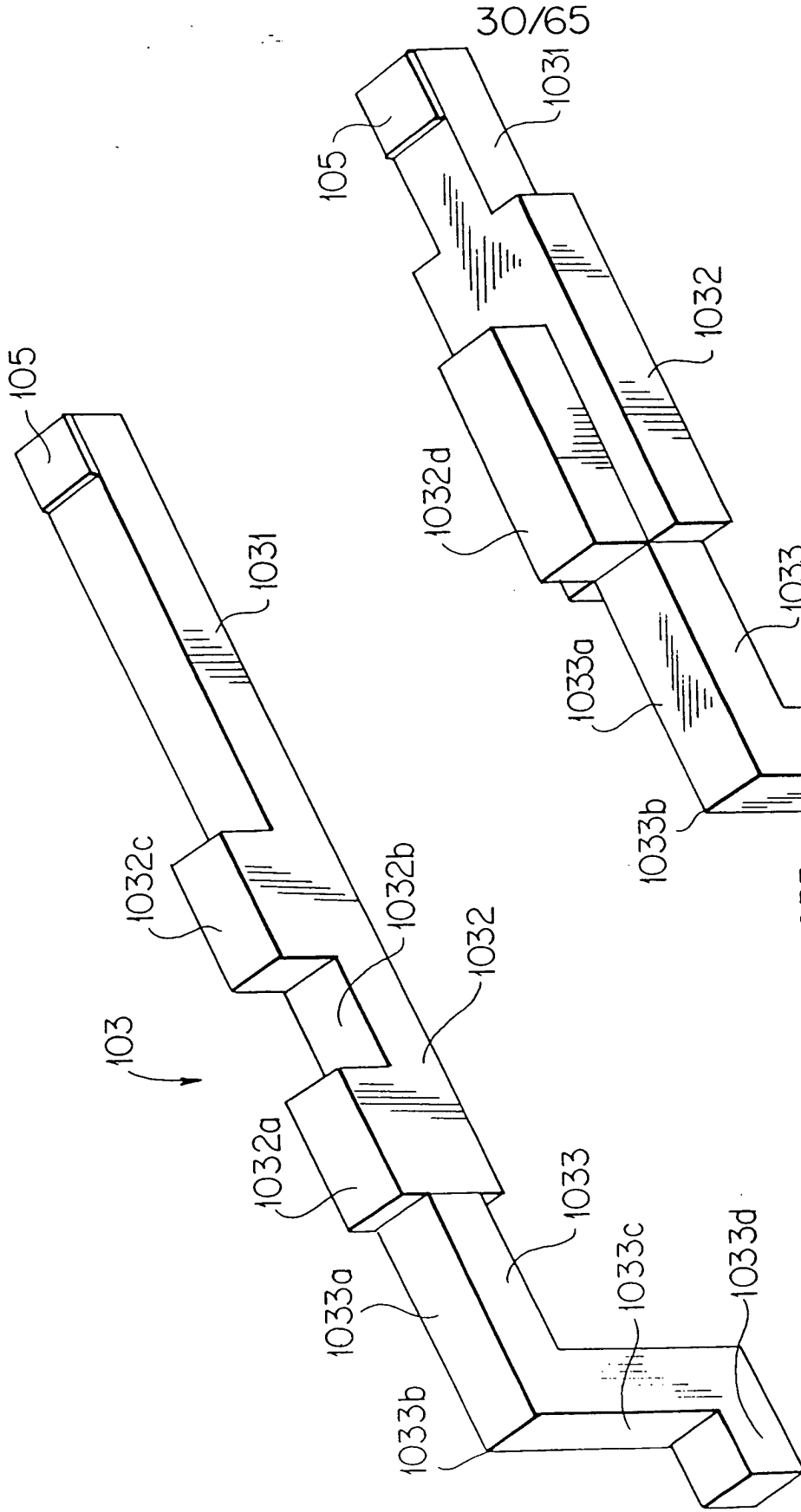


FIG. 33(b)

FIG. 33(c)

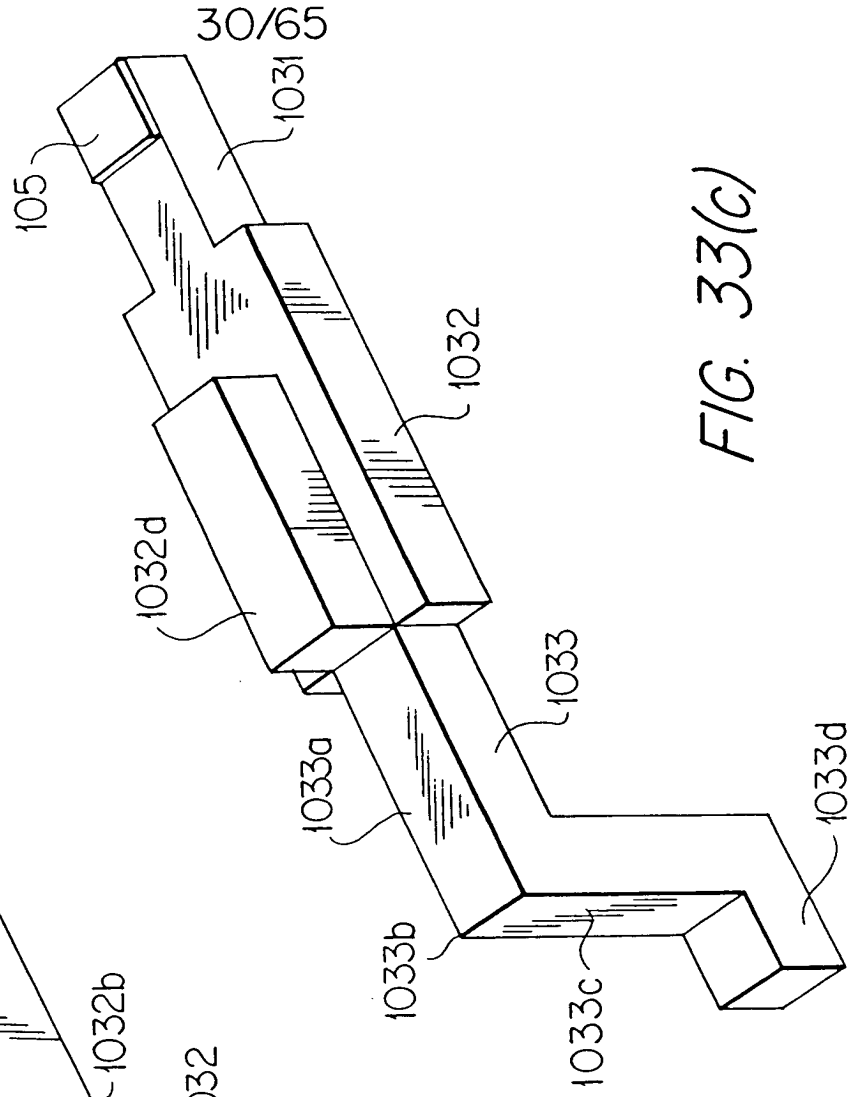


FIG. 33(d)

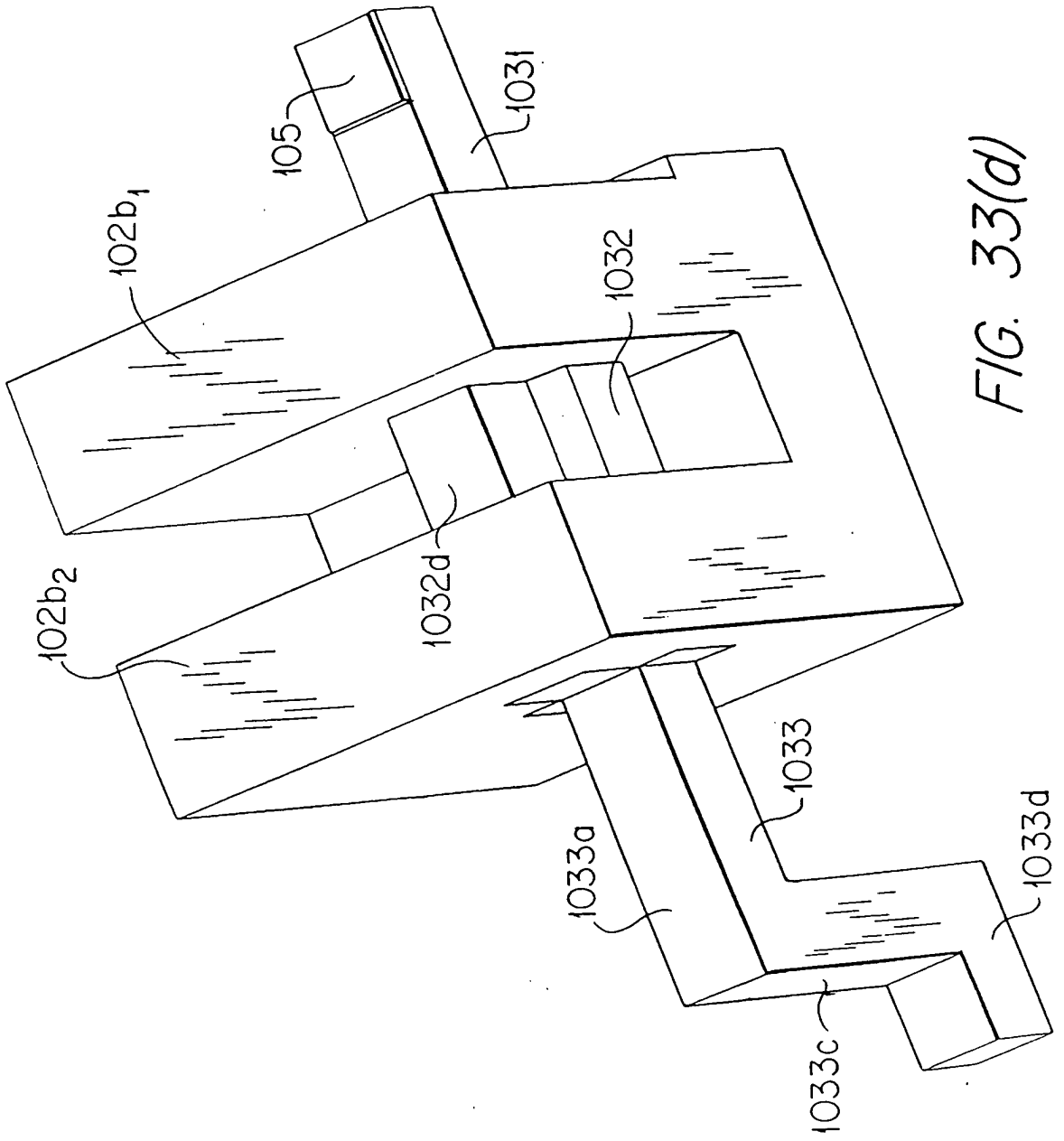


FIG. 34

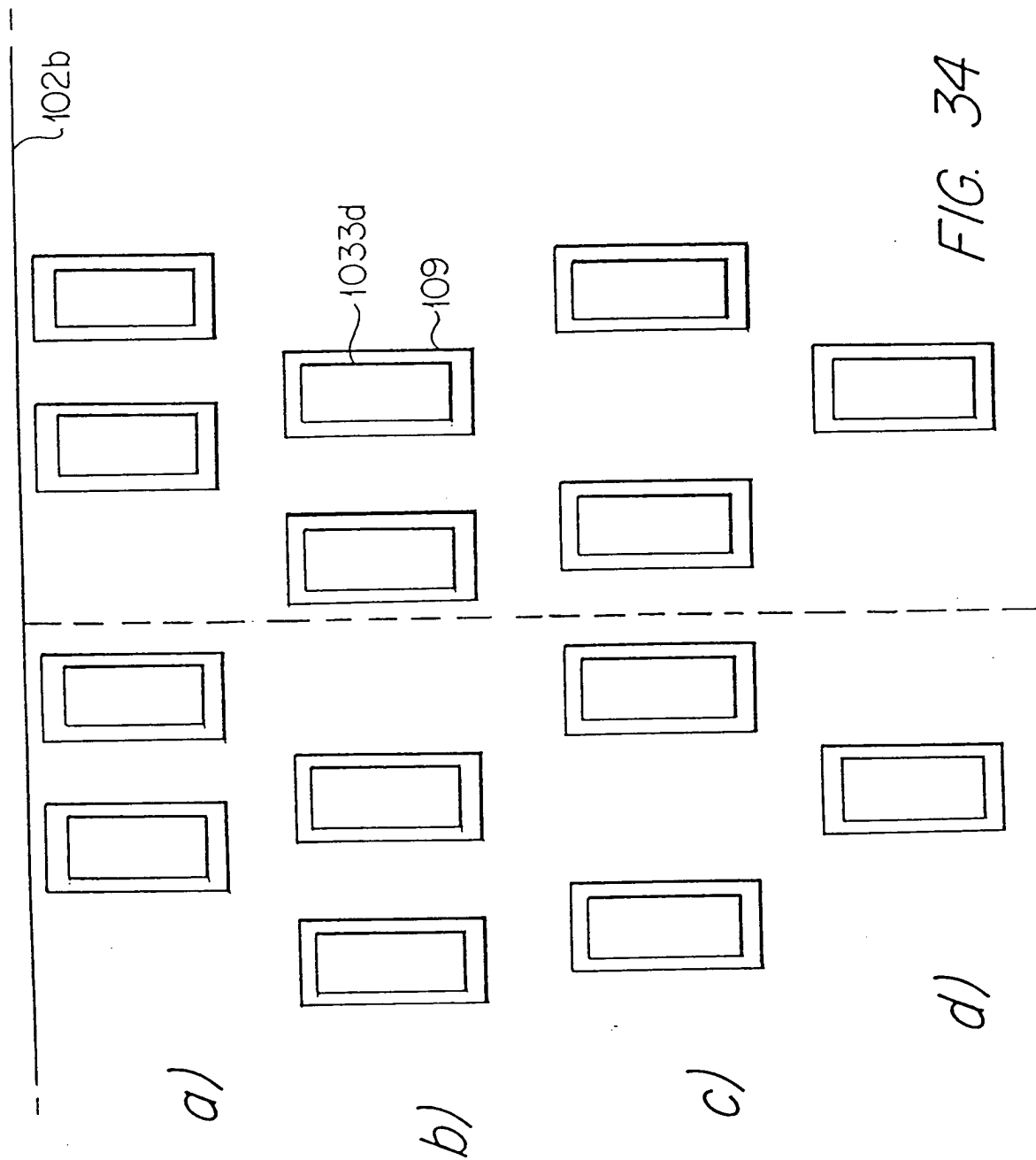


FIG. 34



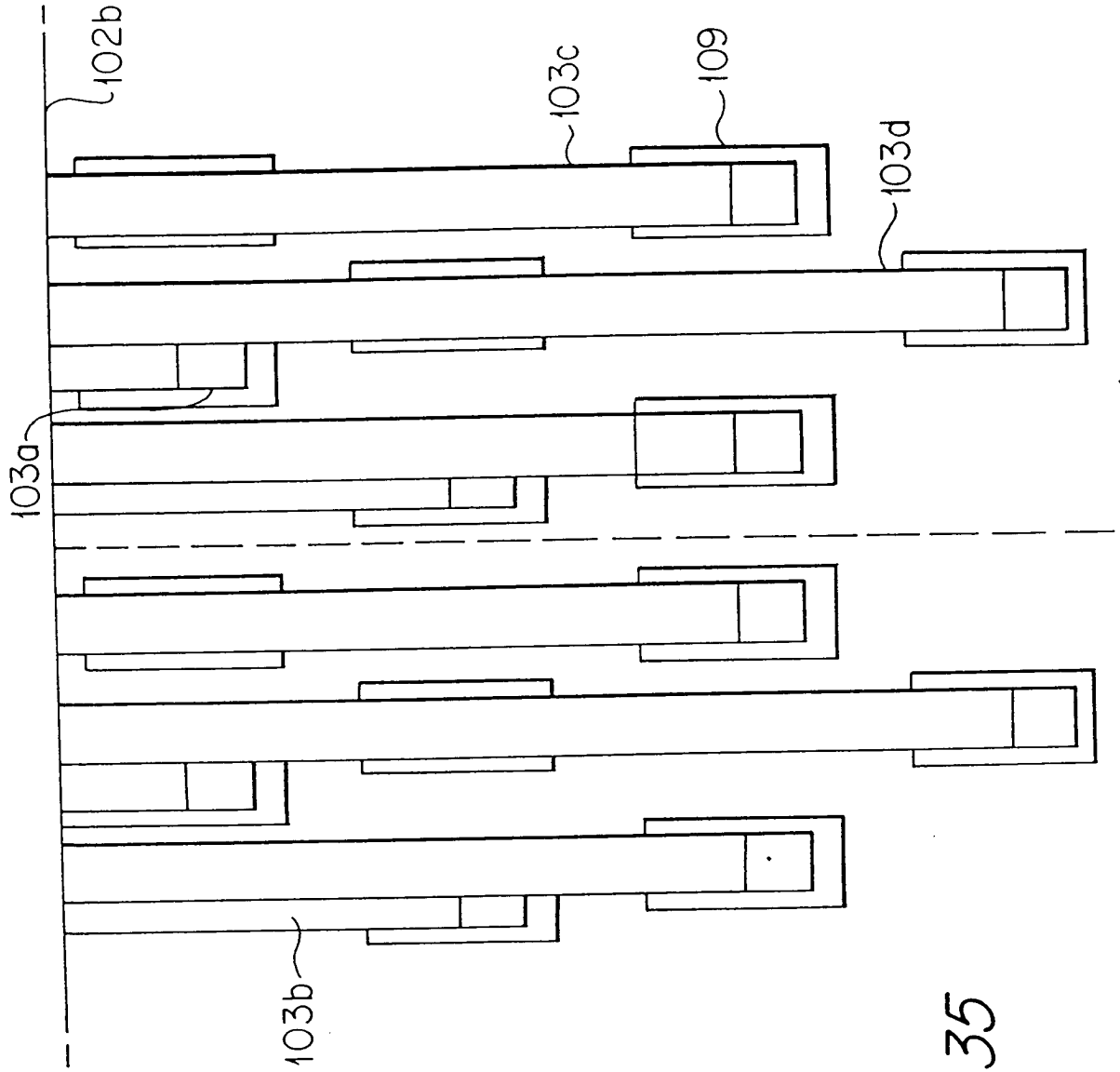


FIG. 35



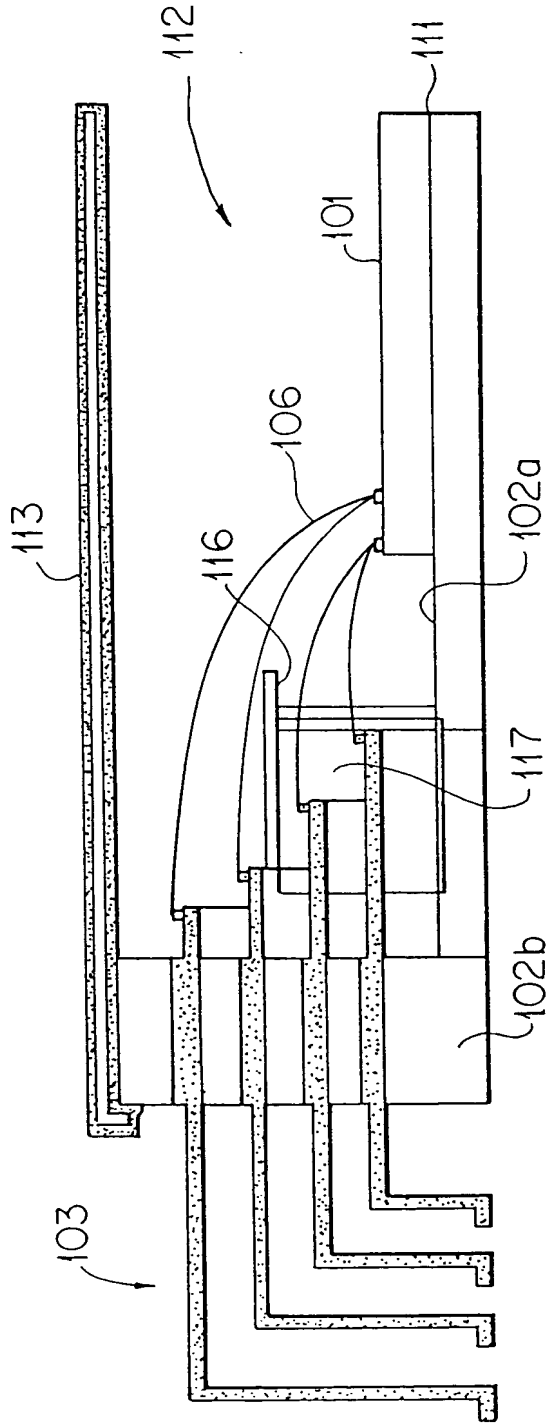


FIG. 37

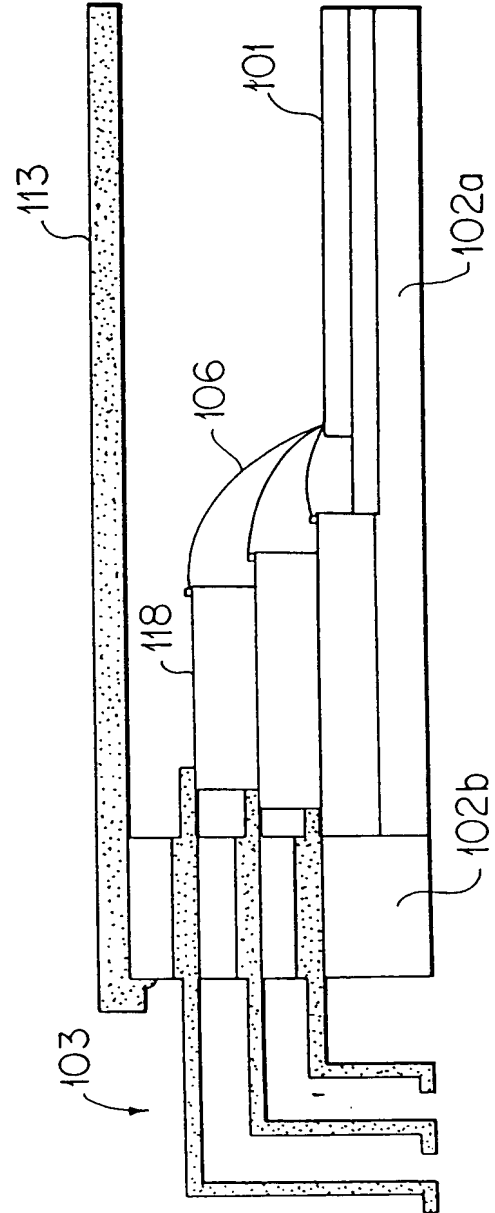
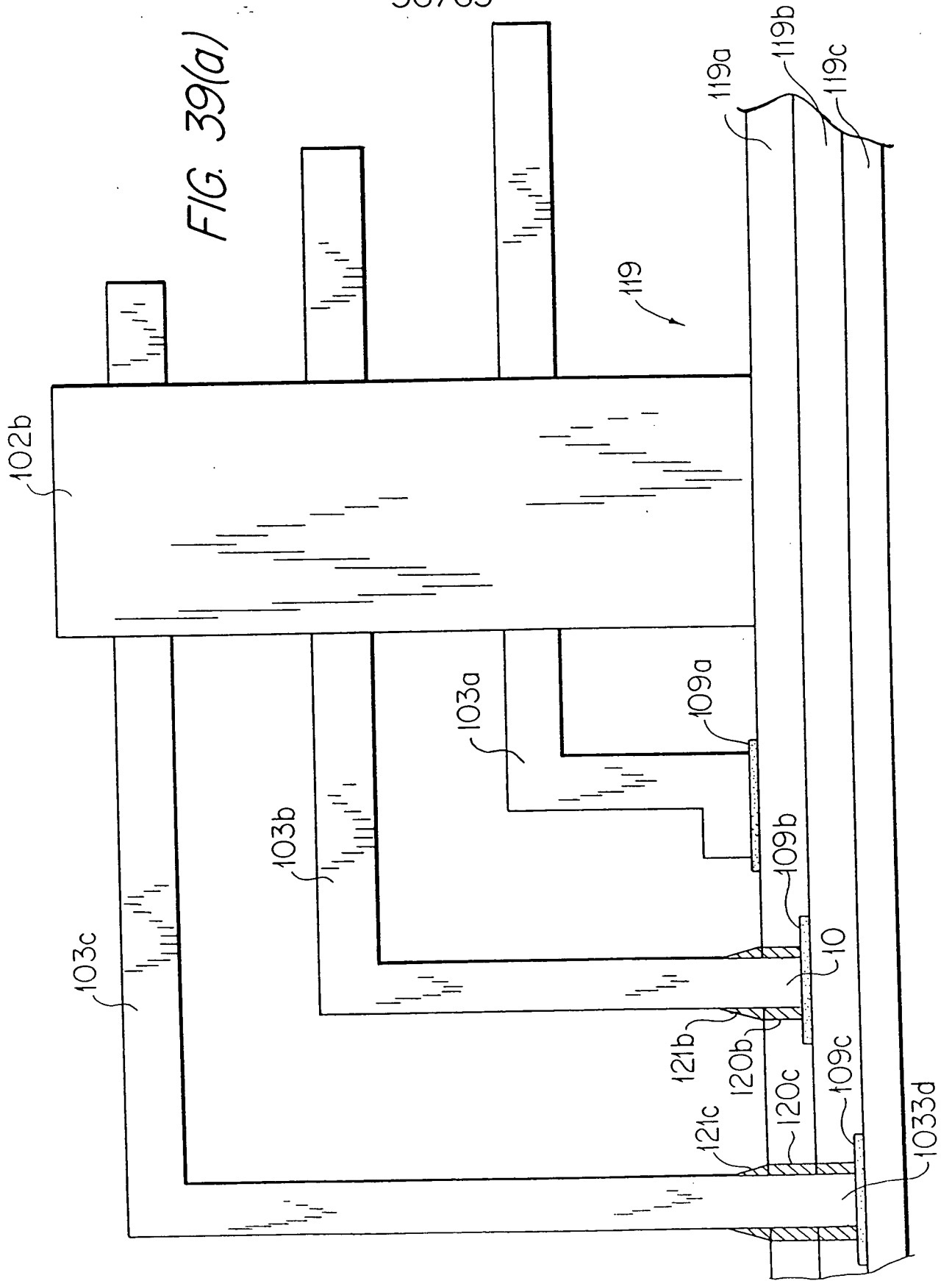


FIG. 38



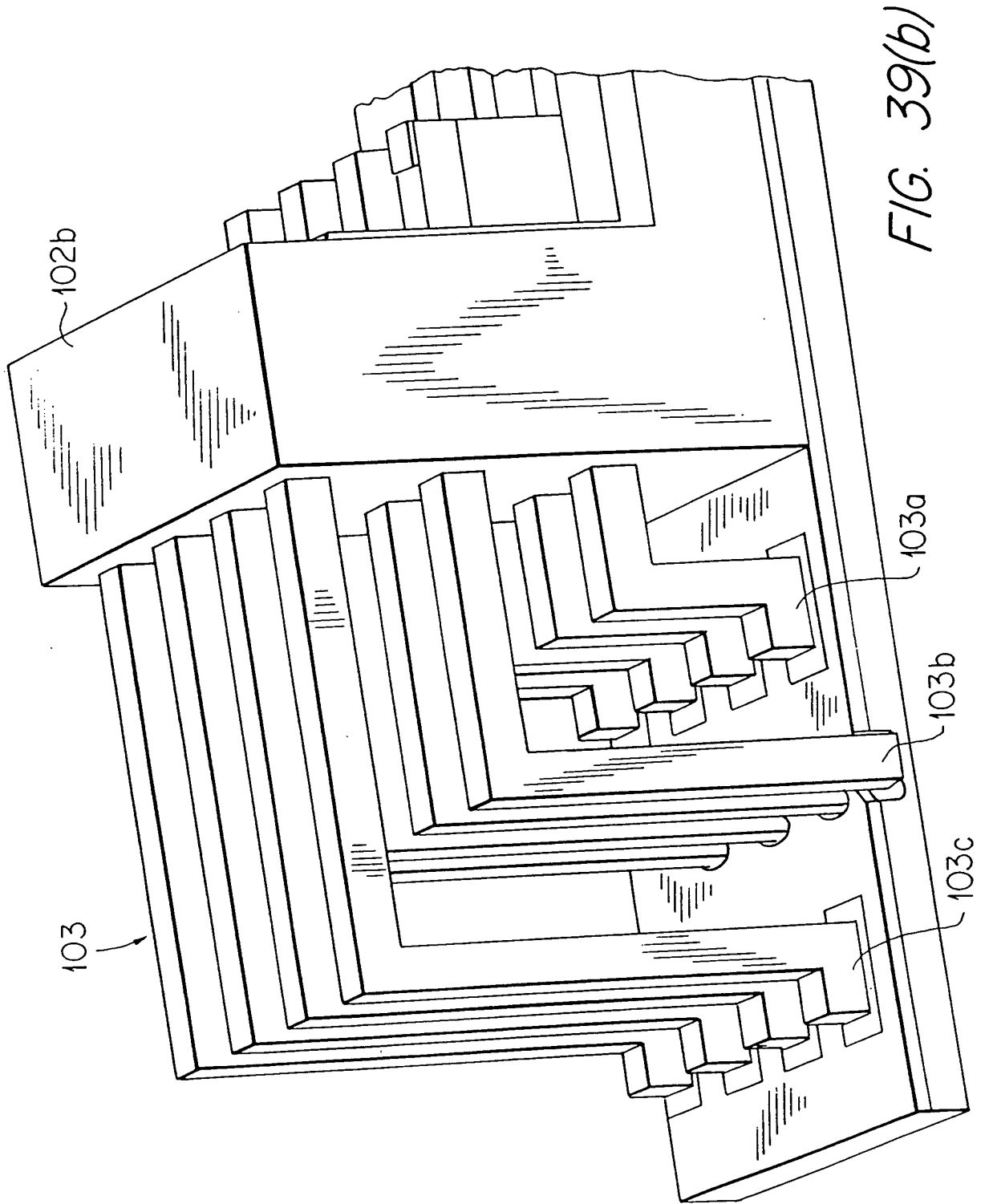


FIG. 40

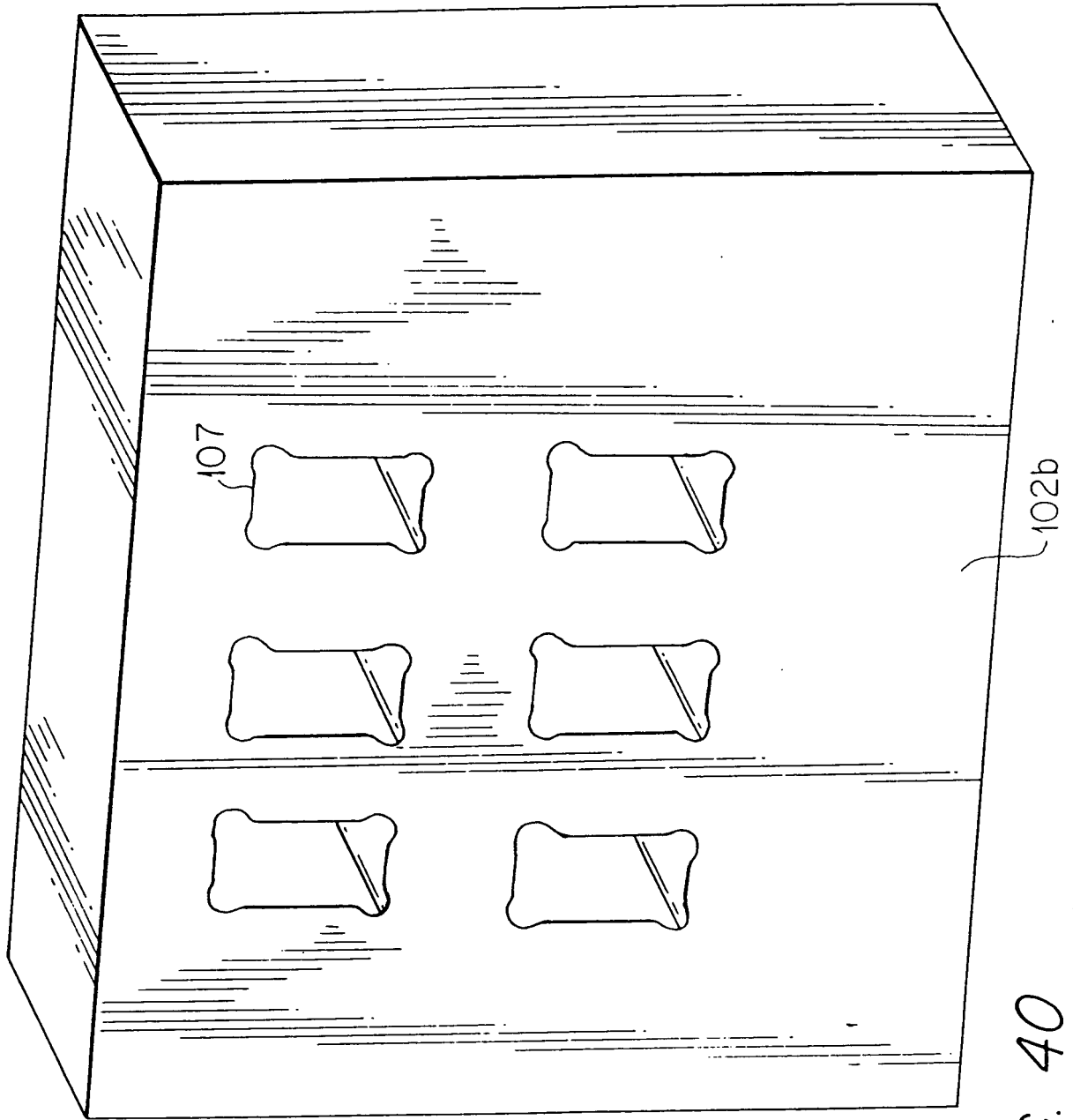


FIG. 40

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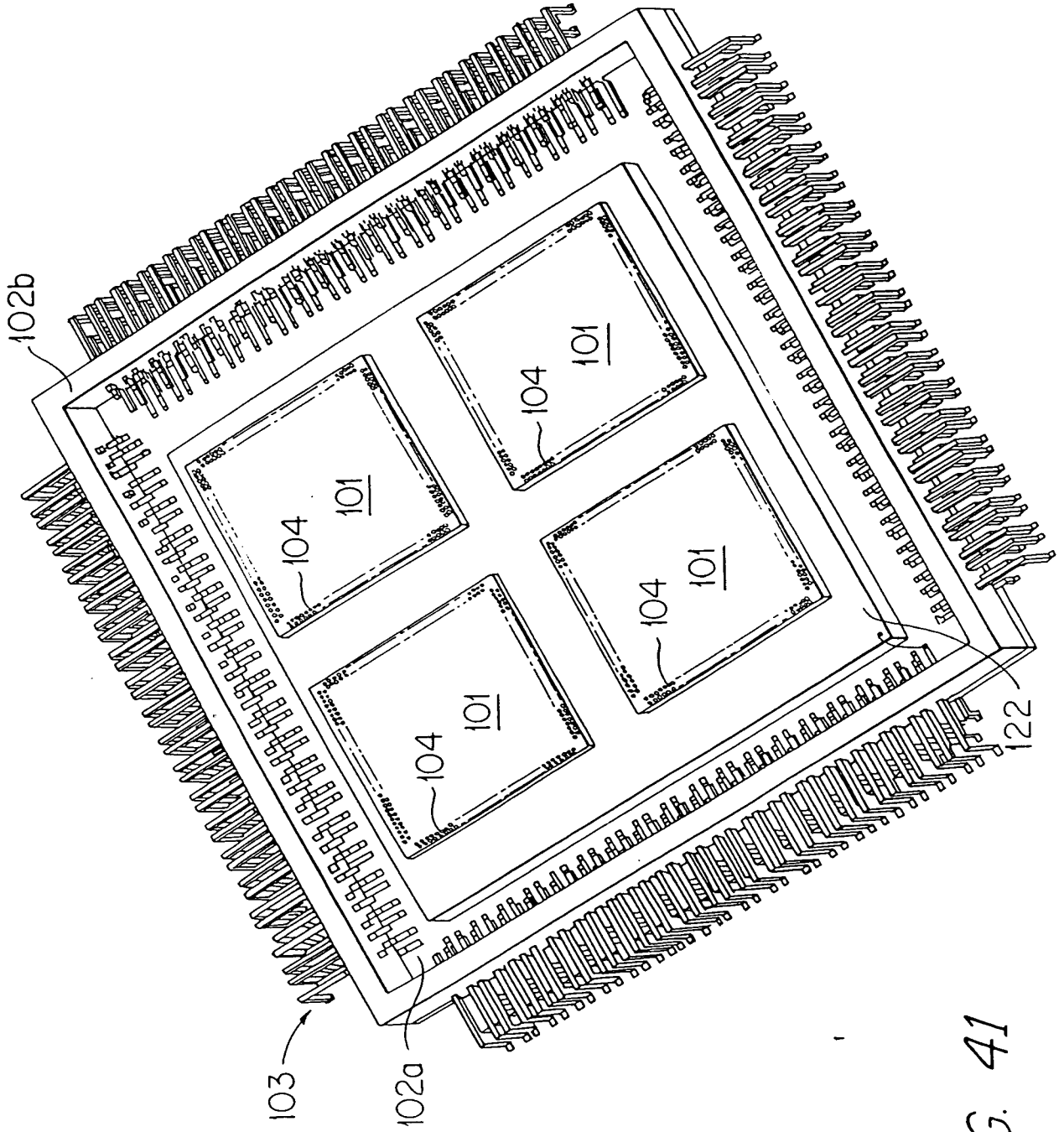
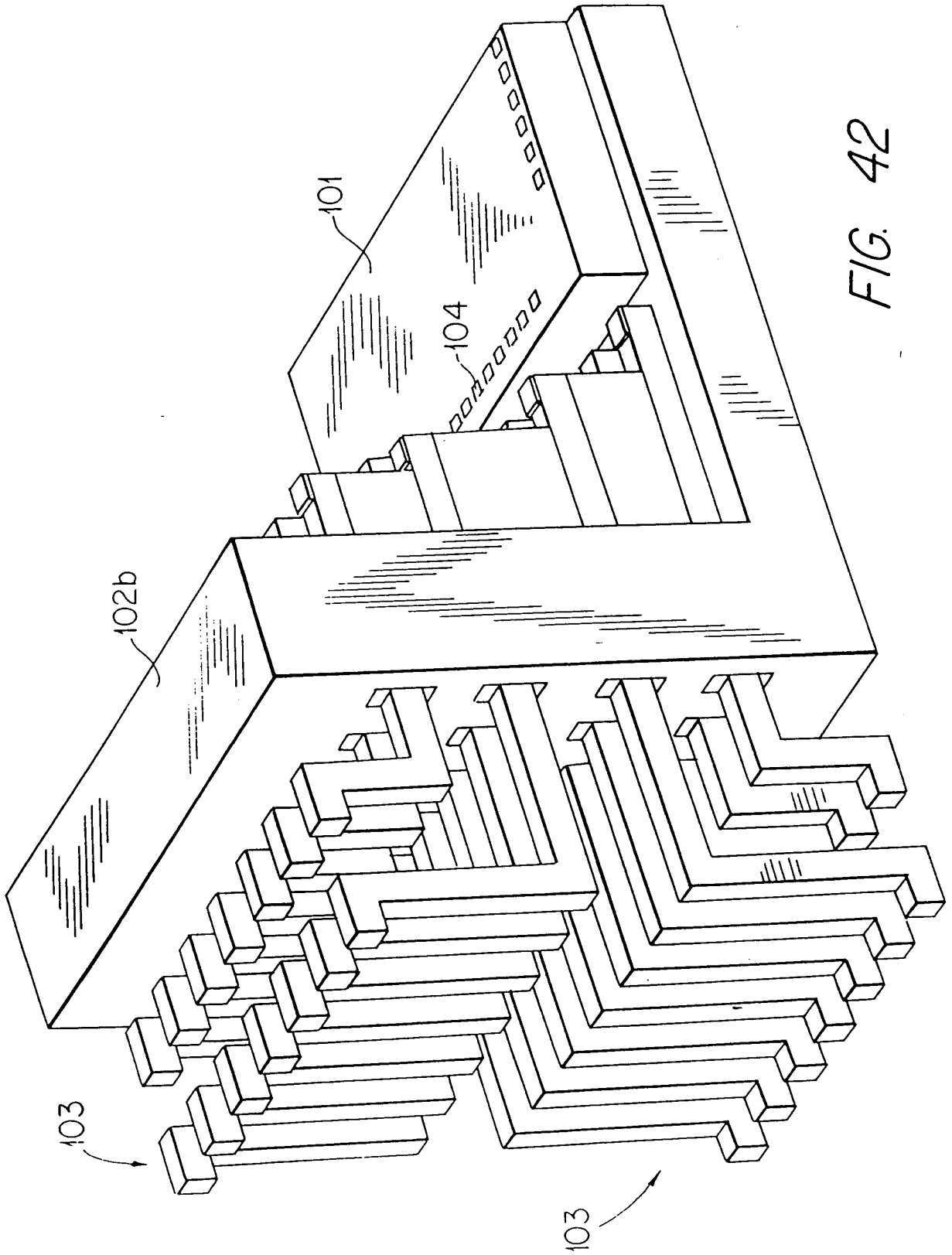


FIG. 41





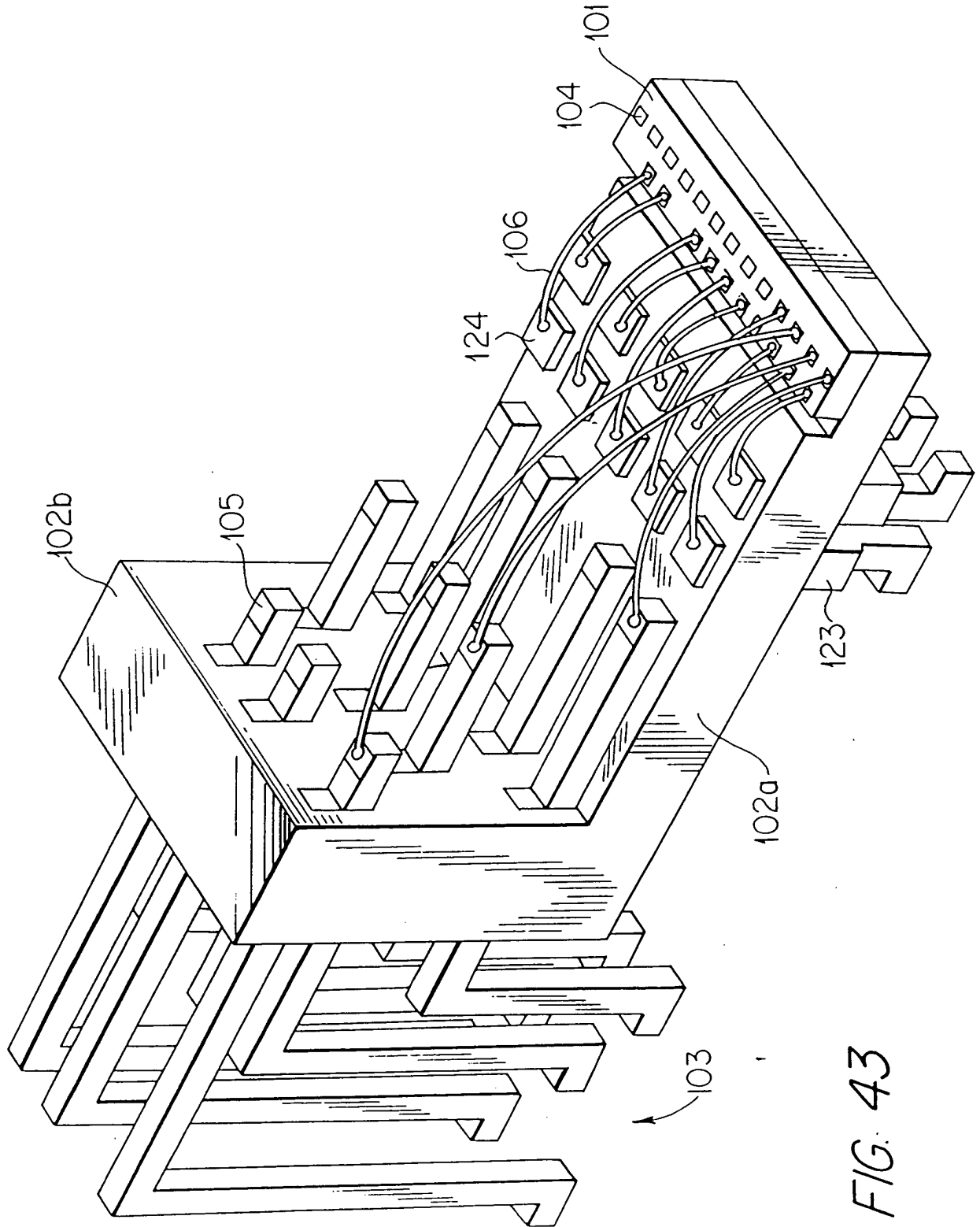


FIG. 43

FIG. 43

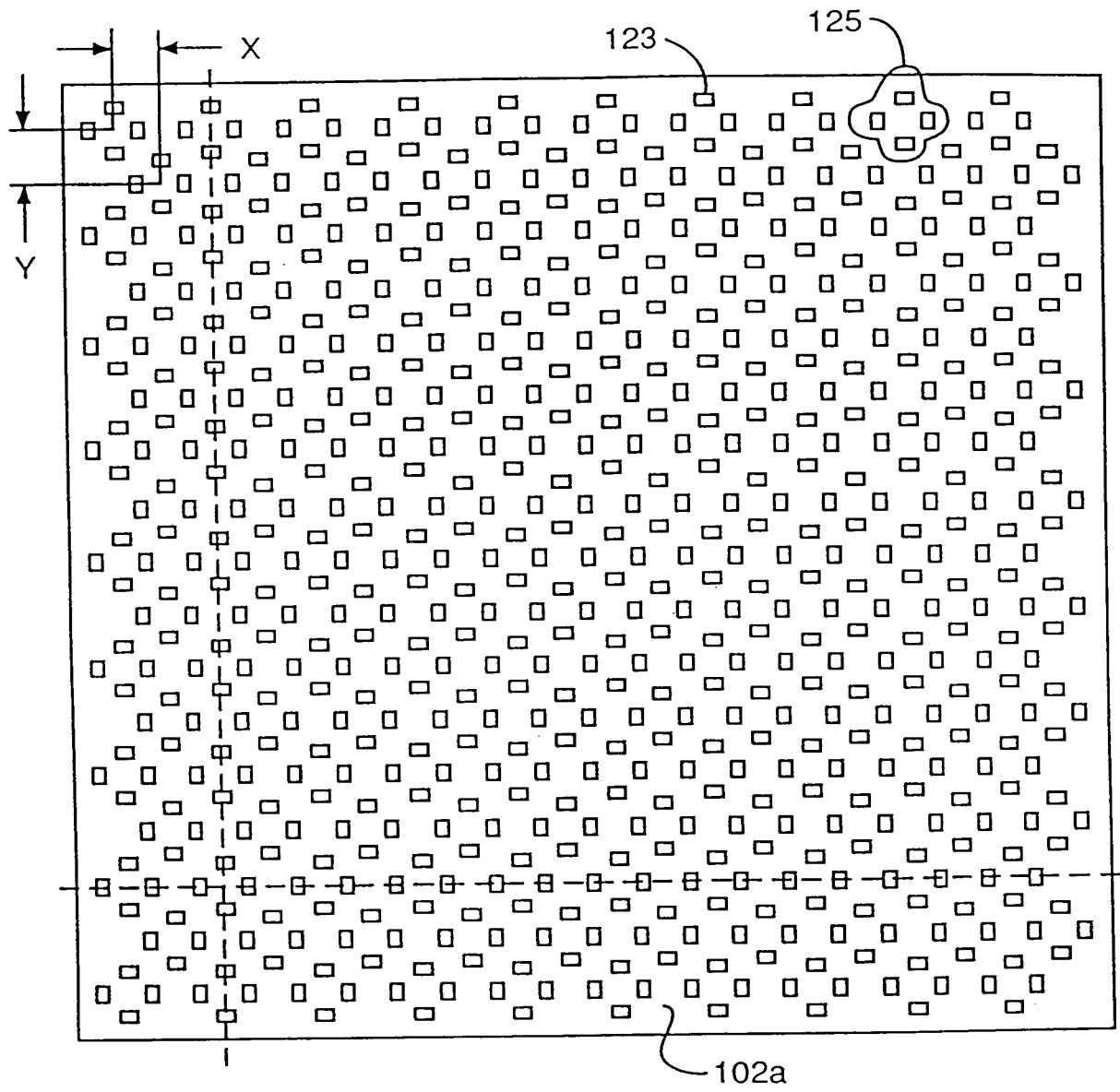


FIG. 44

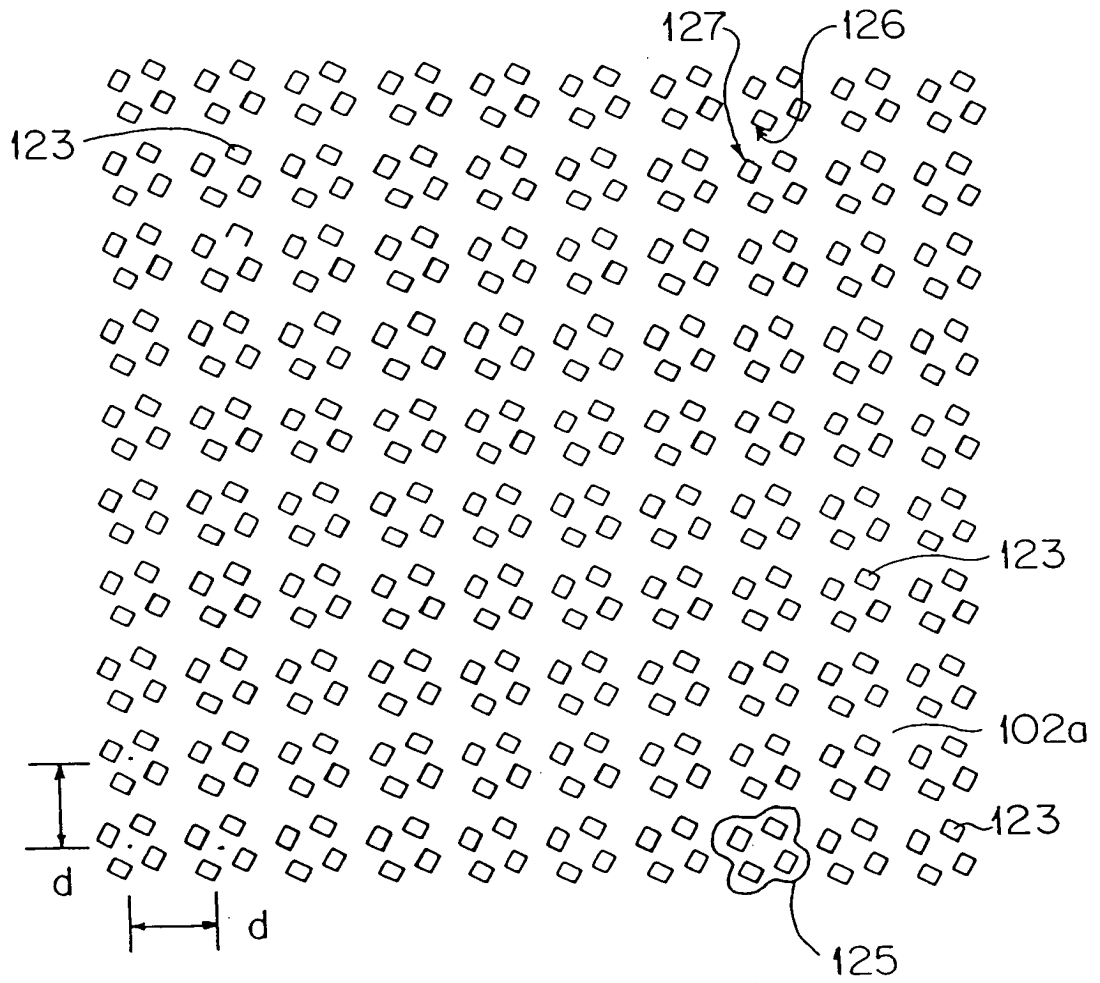


FIG. 45

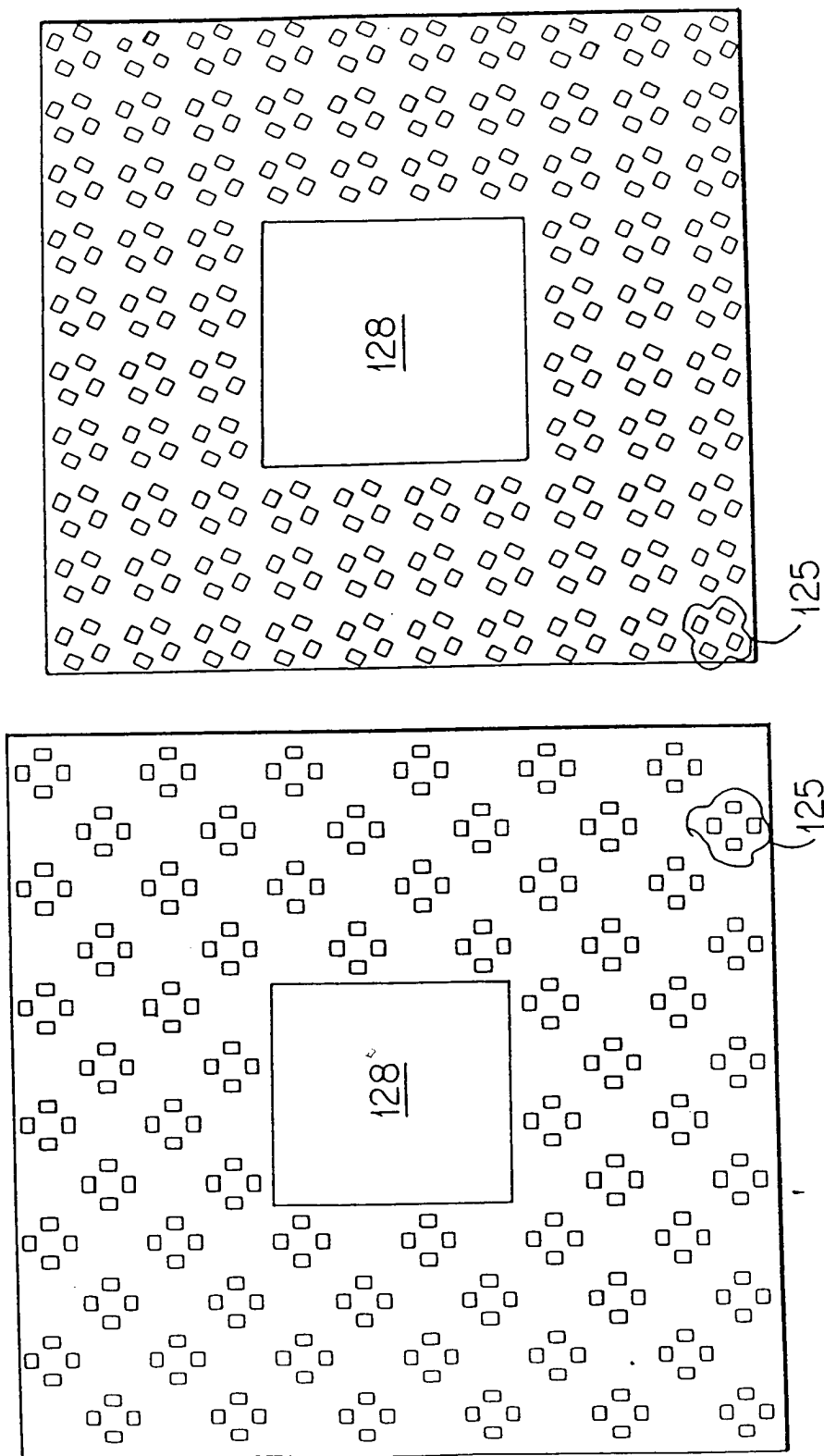
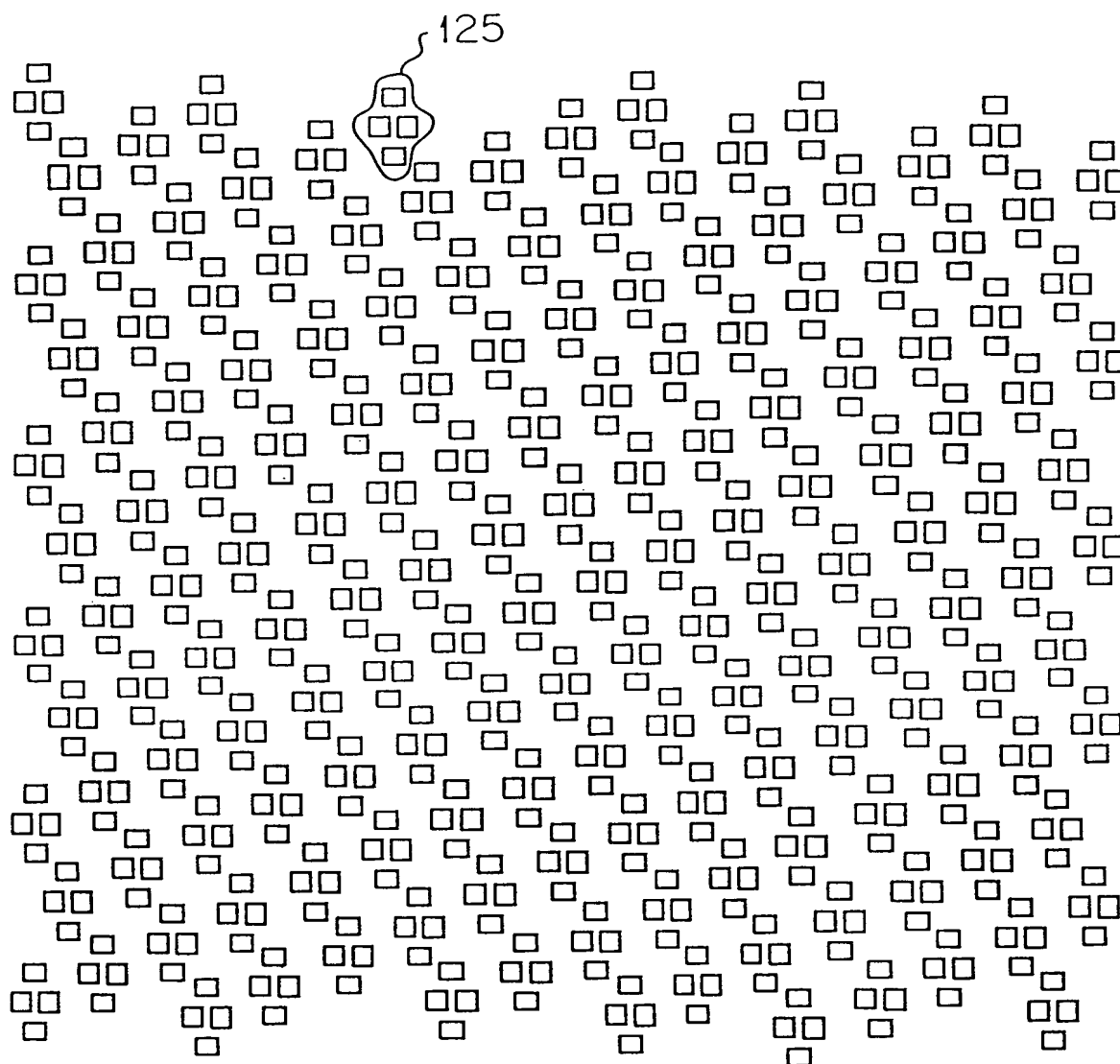


FIG. 47(a)

FIG. 46

*FIG. 47(b)*

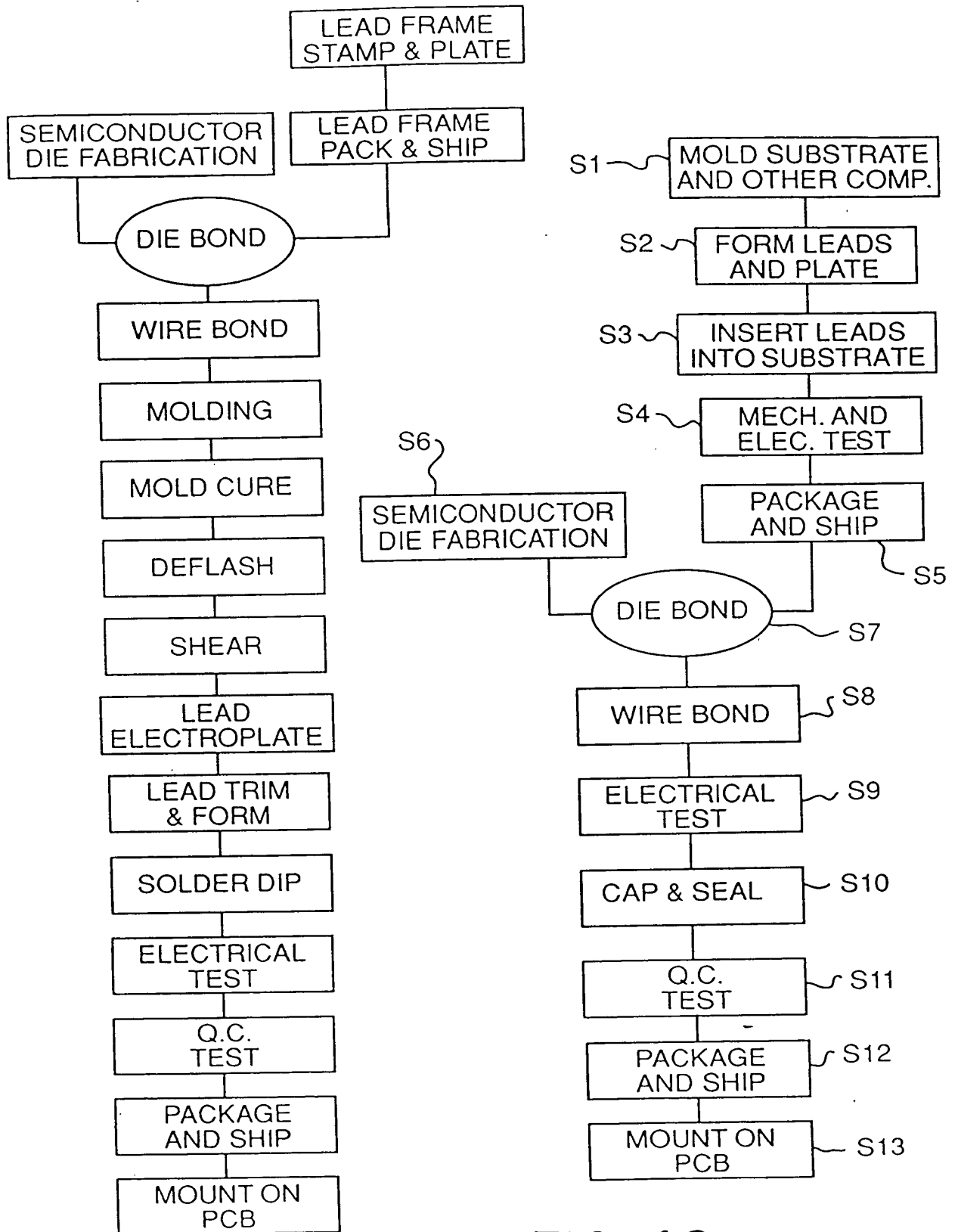


FIG. 48

47/65

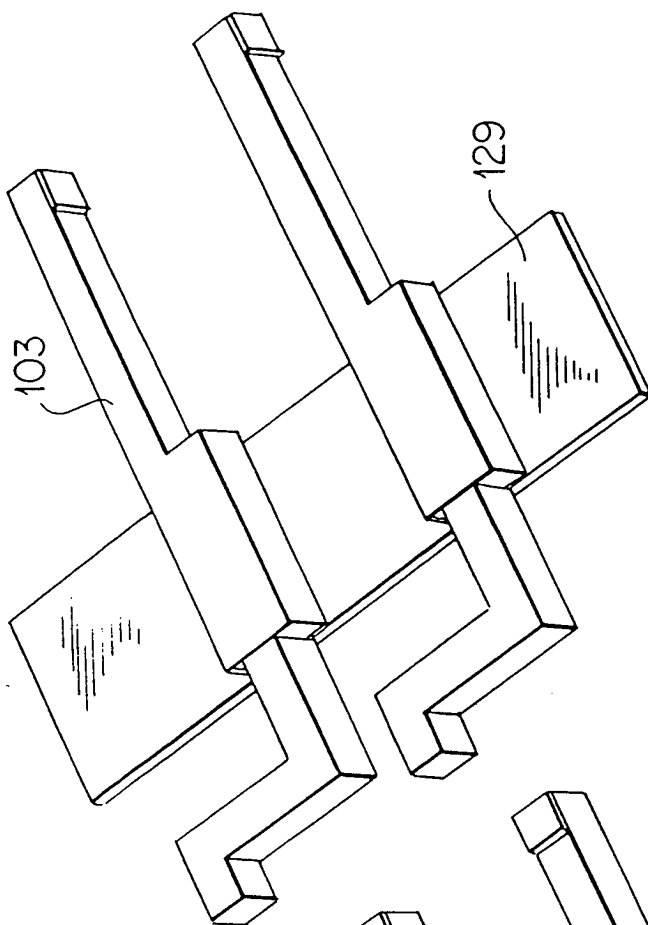


FIG. 49(a)

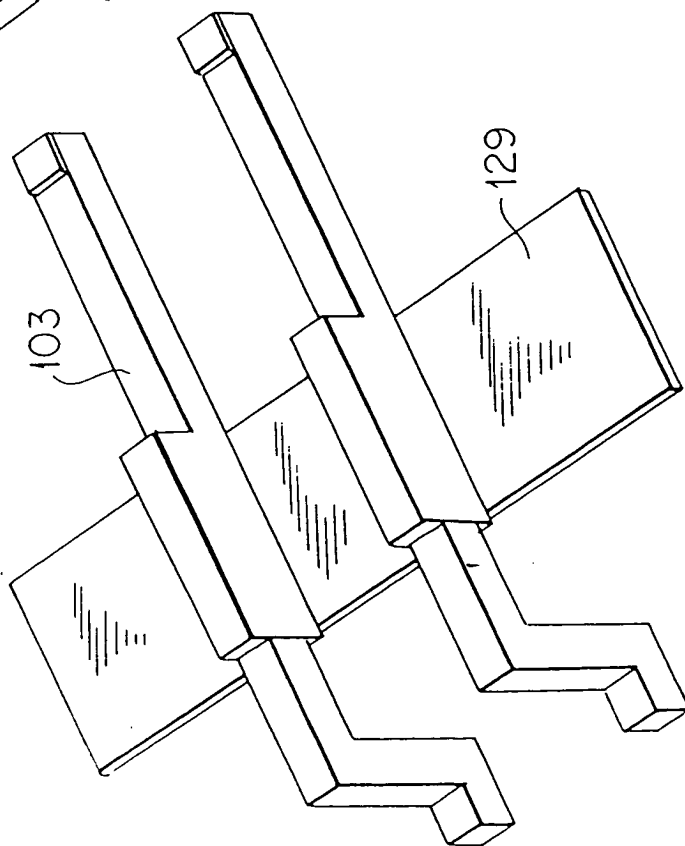
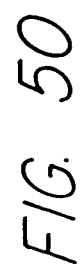


FIG. 49(b)





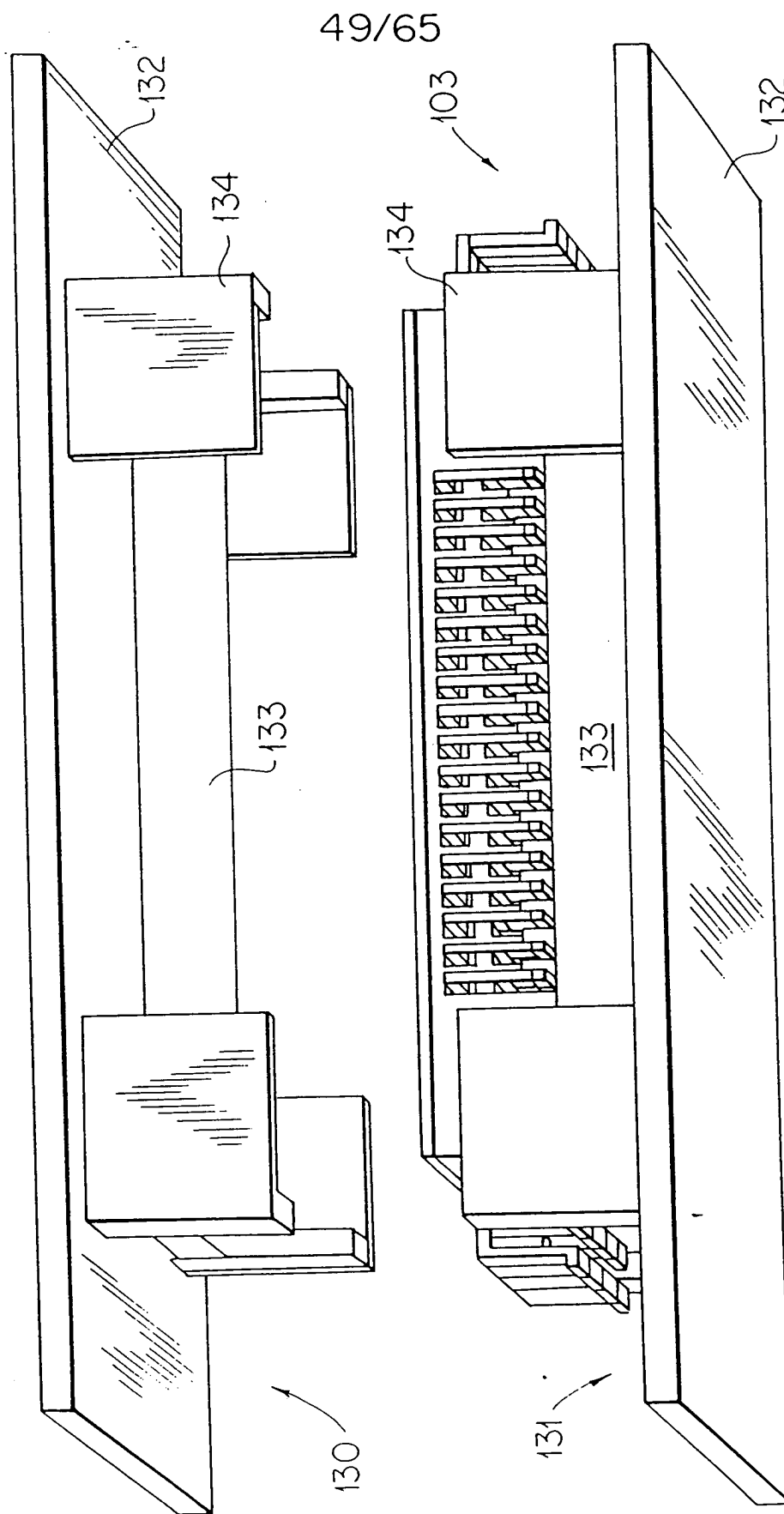


FIG. 51

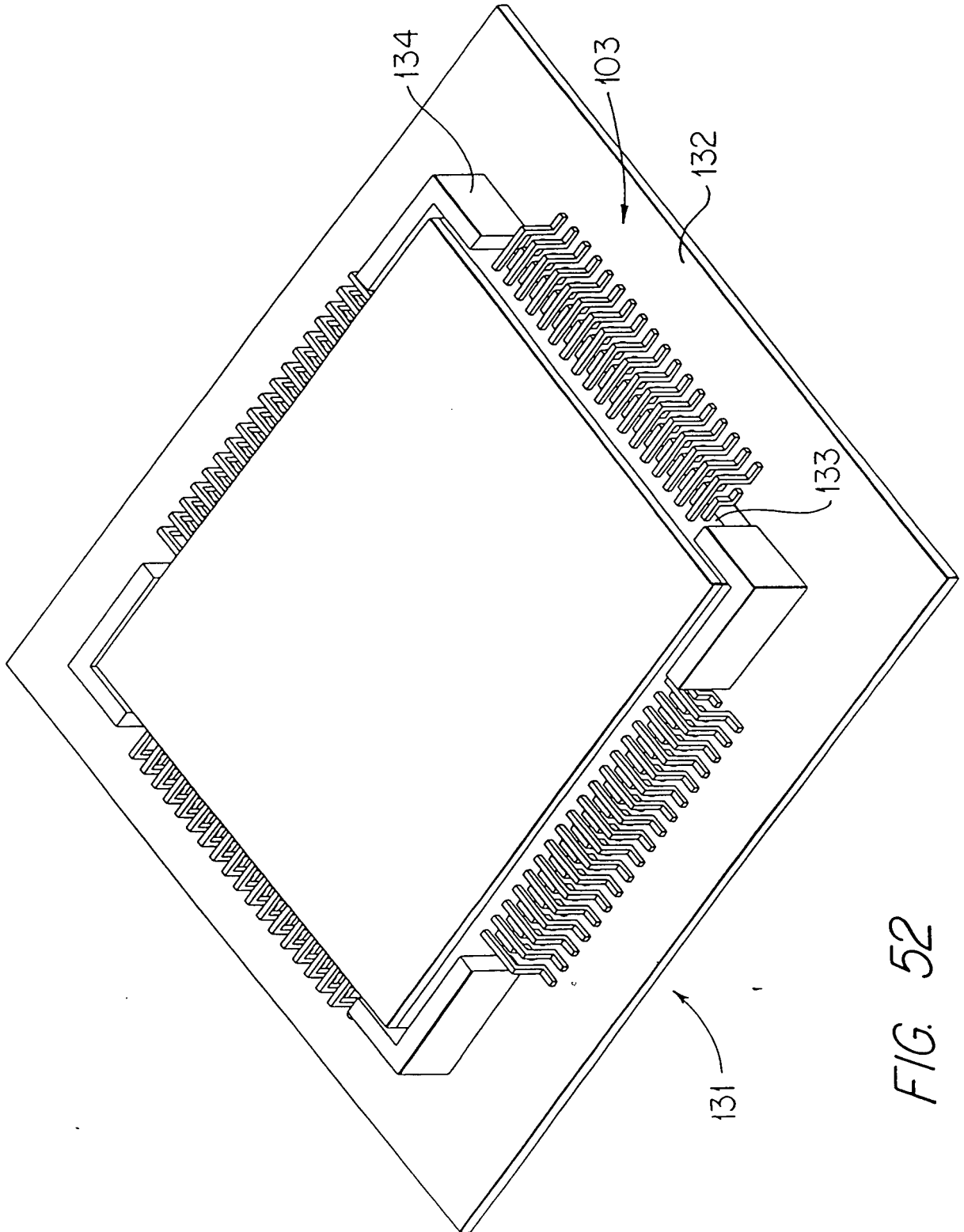


FIG. 52

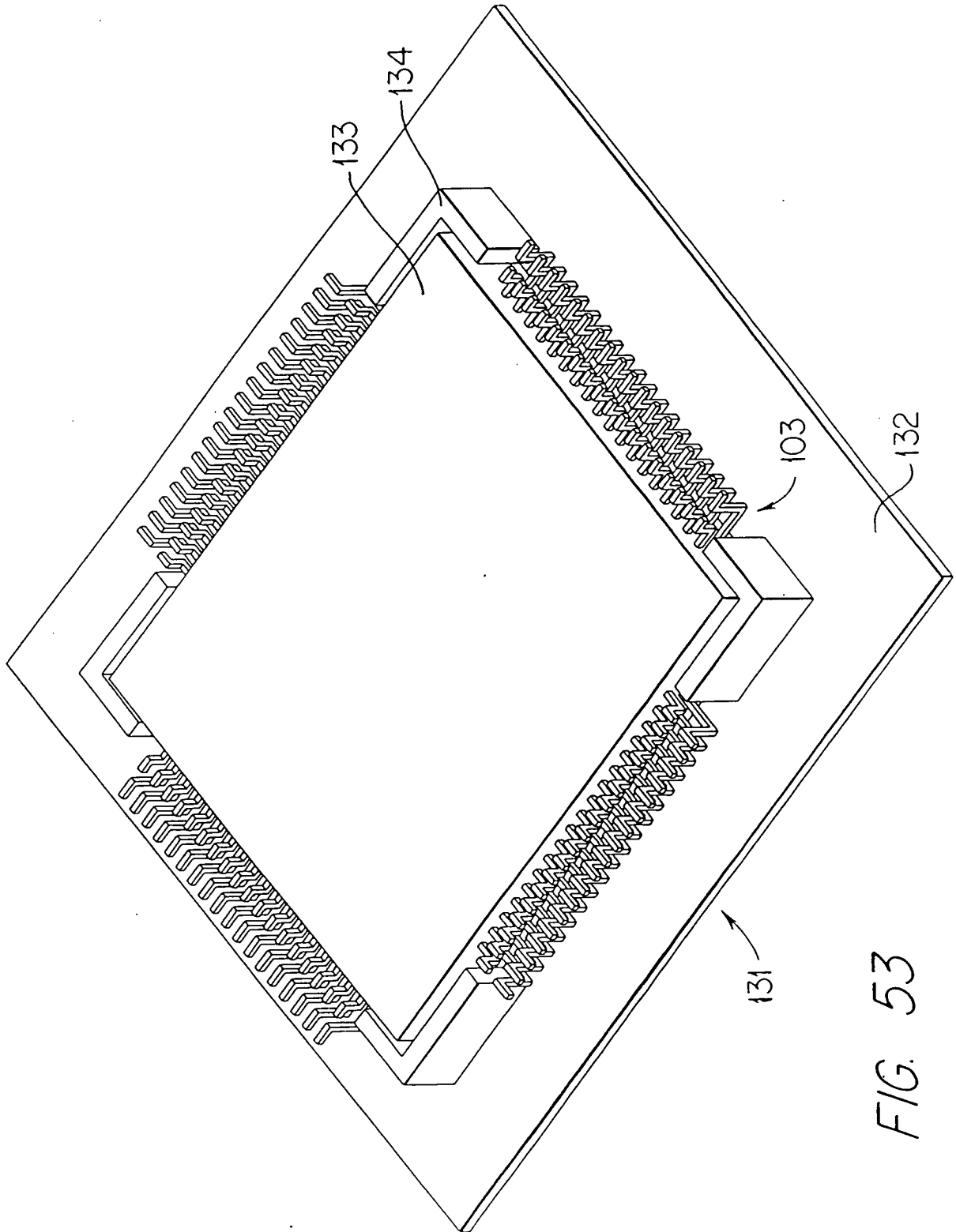


FIG. 53

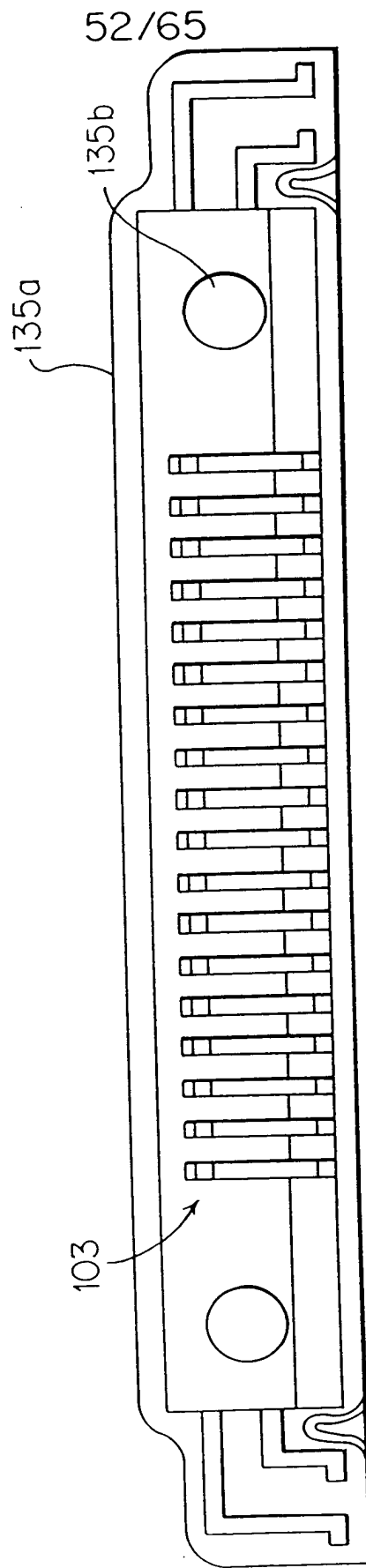


FIG. 54(a)

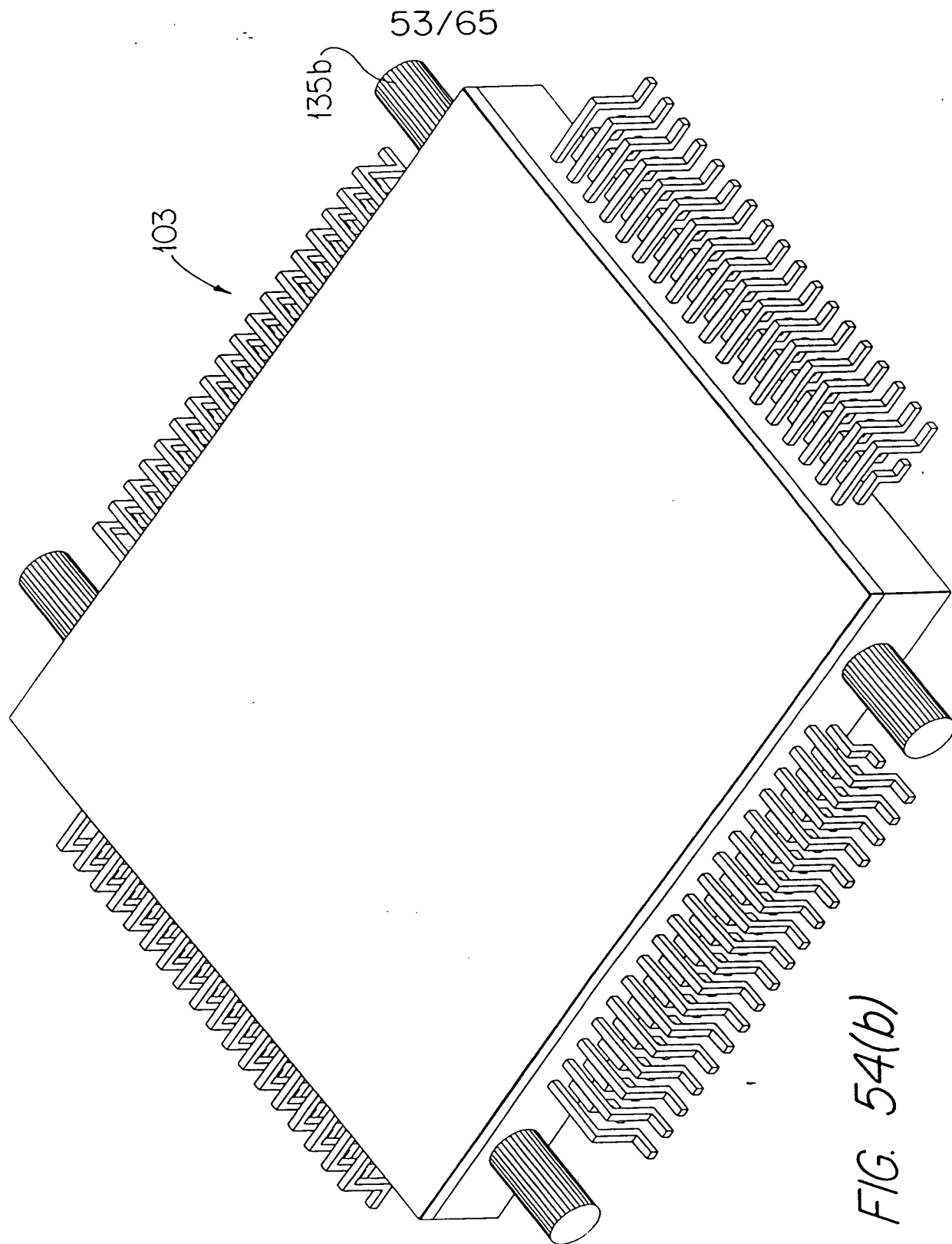


FIG. 54(b)

FIG. 55

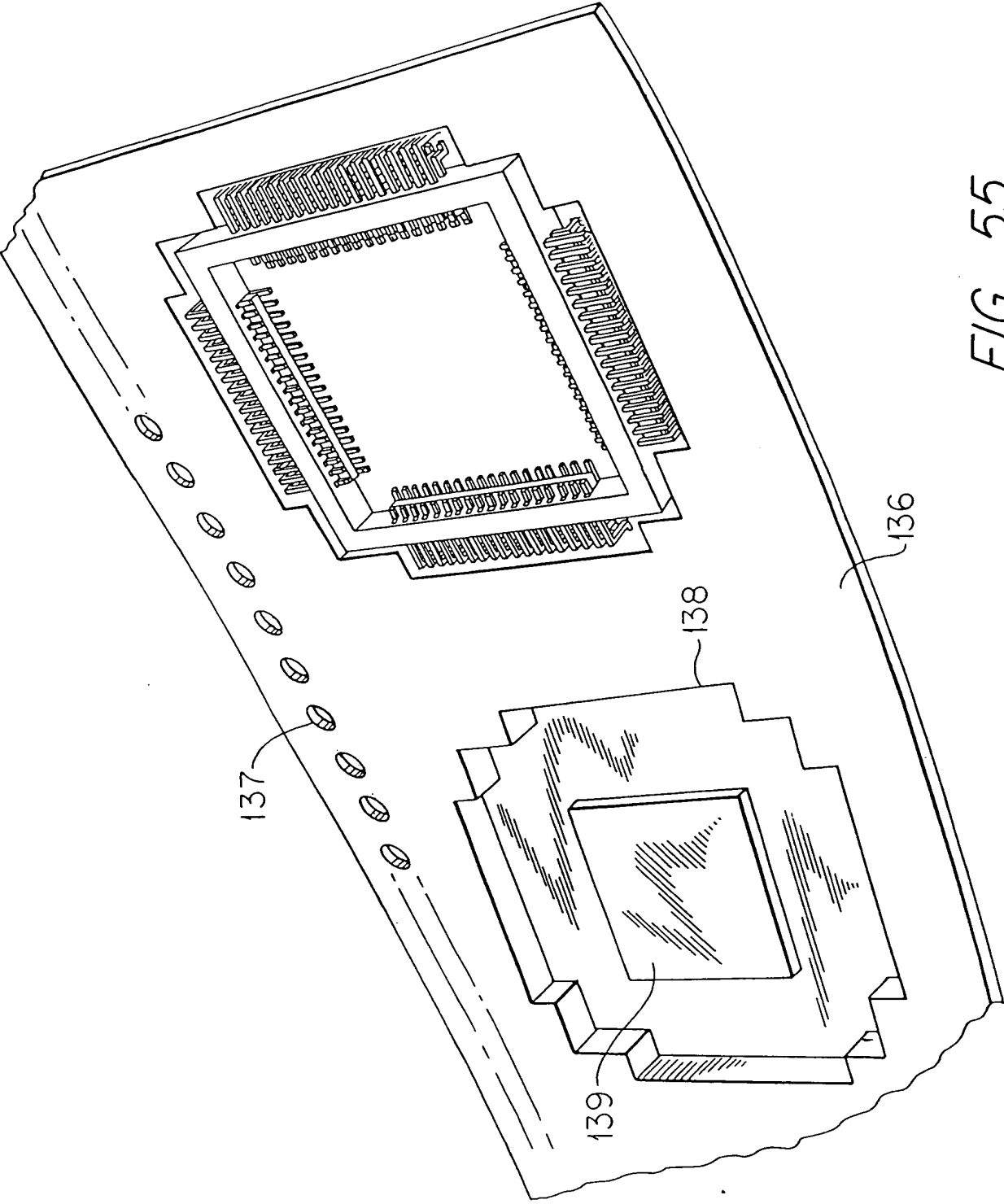


FIG. 55



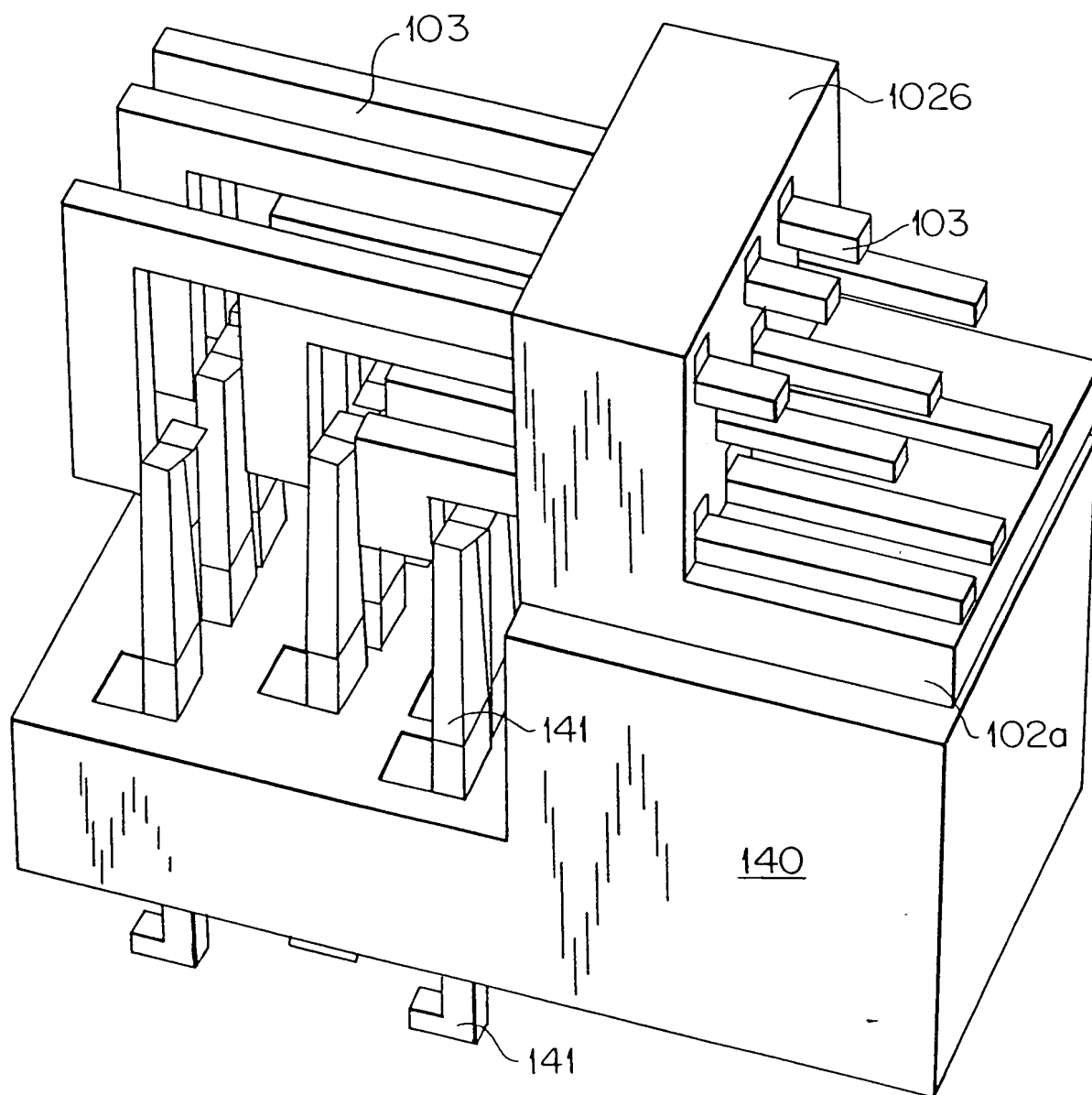


FIG. 57



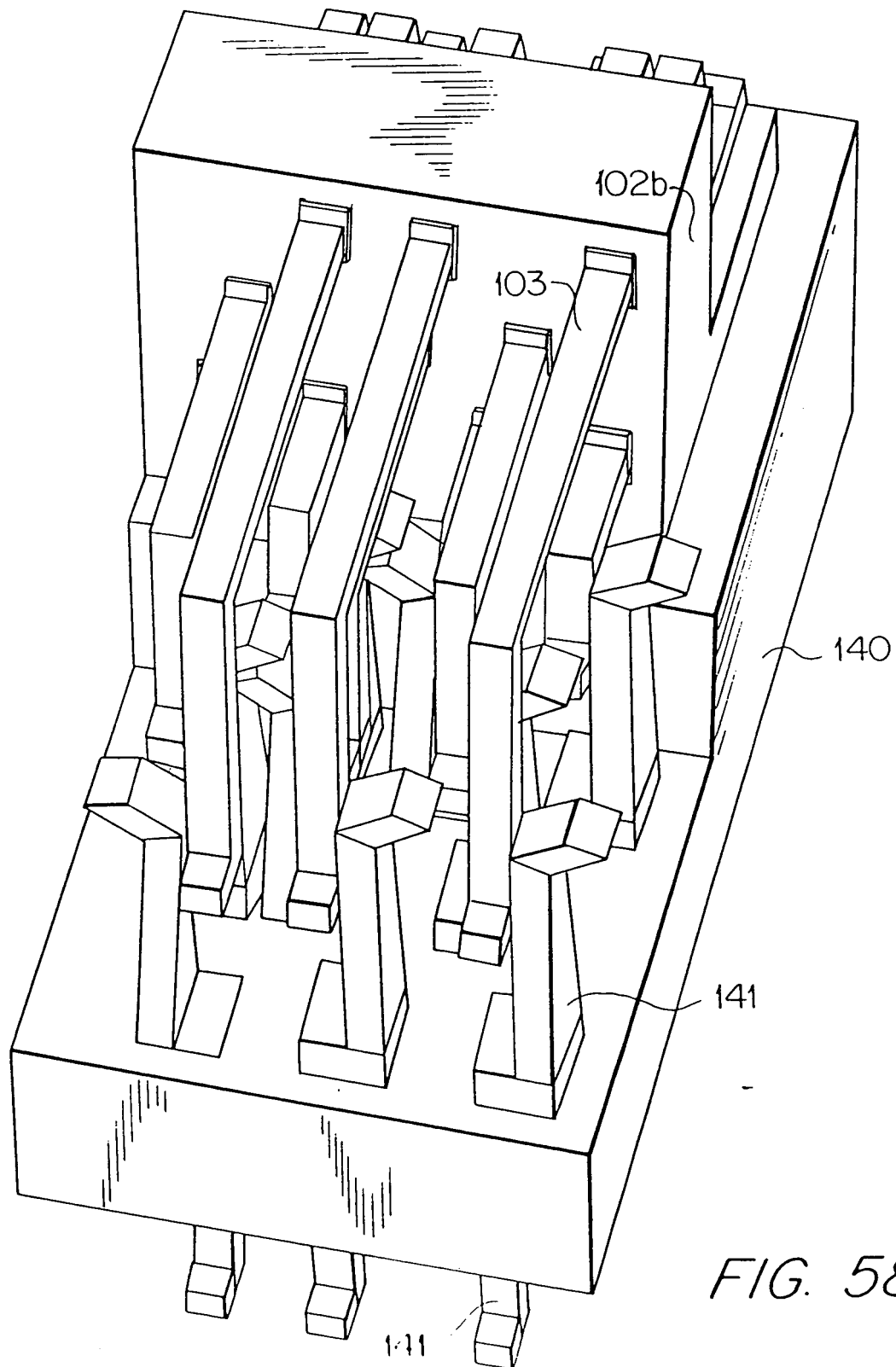


FIG. 58

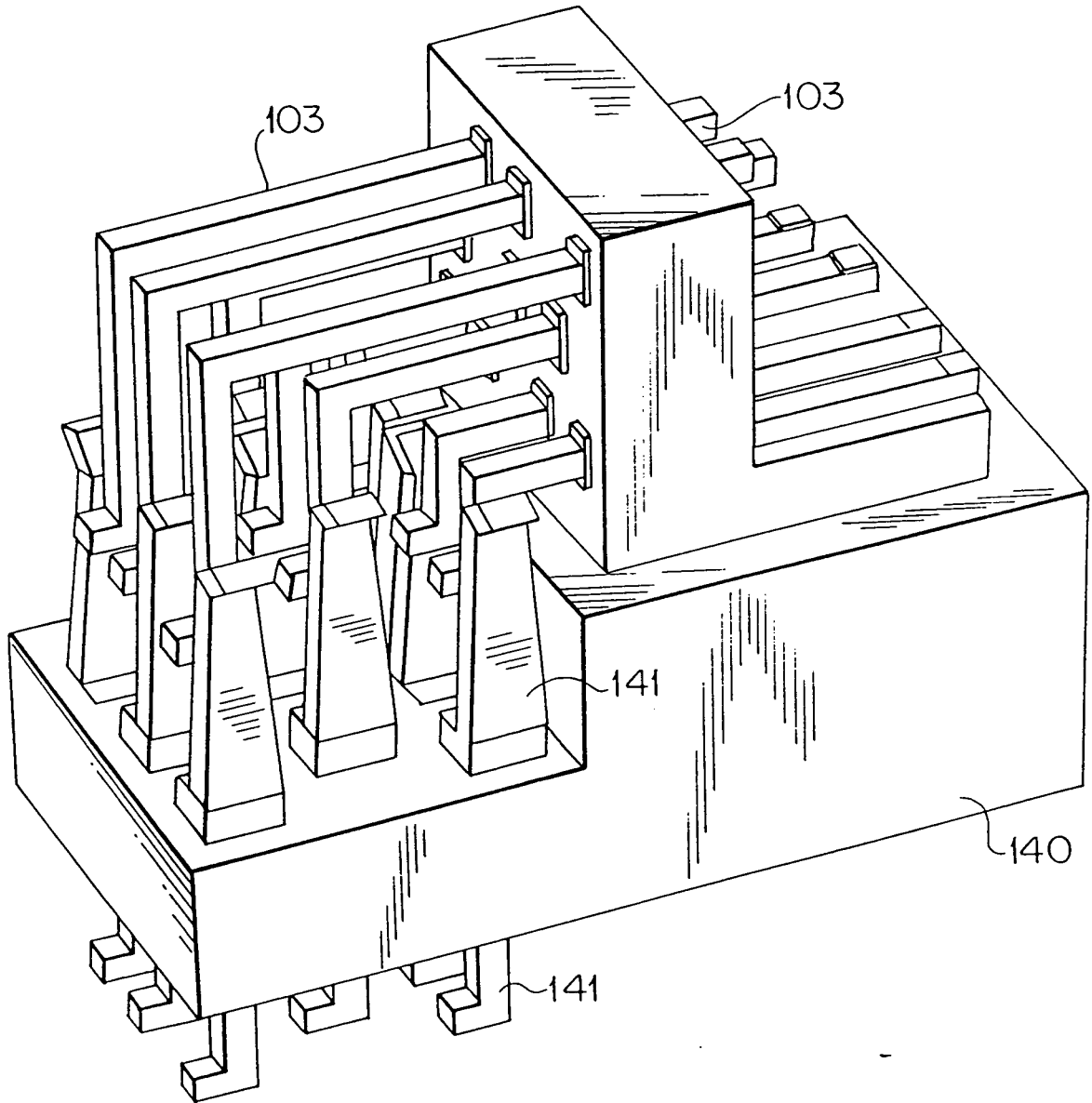


FIG. 59

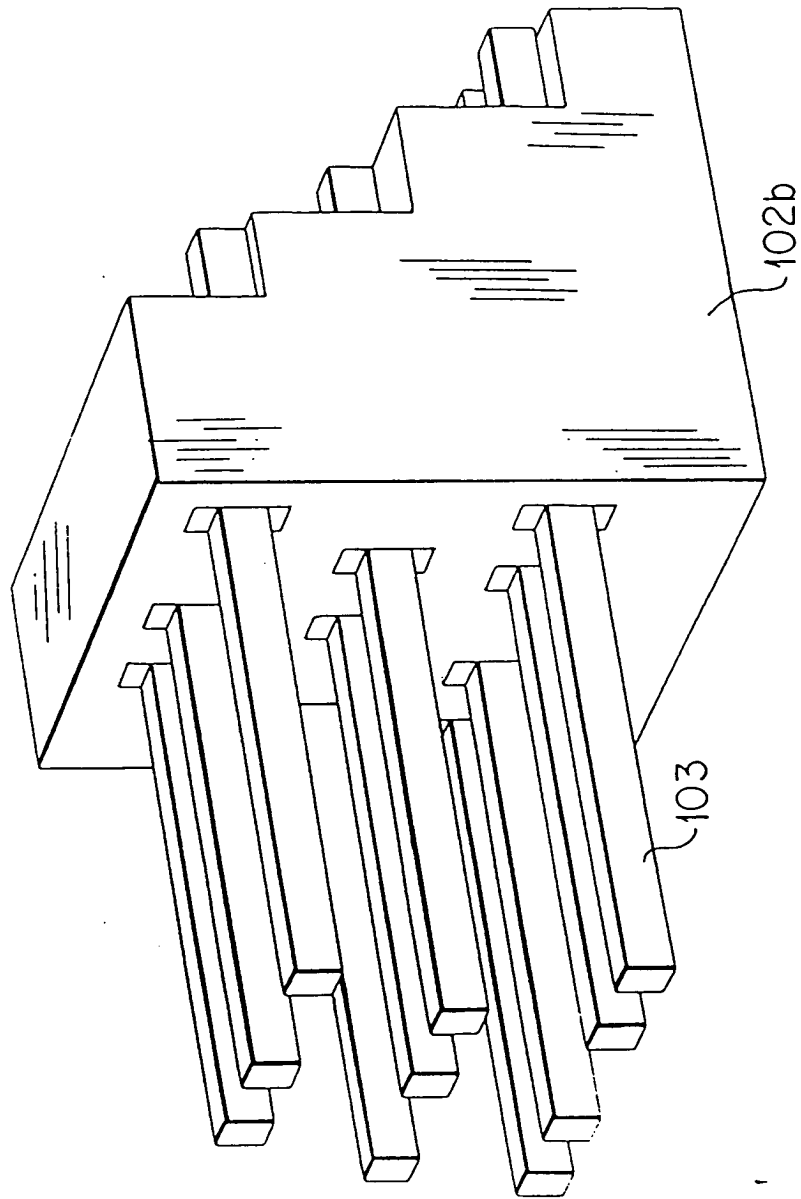


FIG. 60

FIG. 61

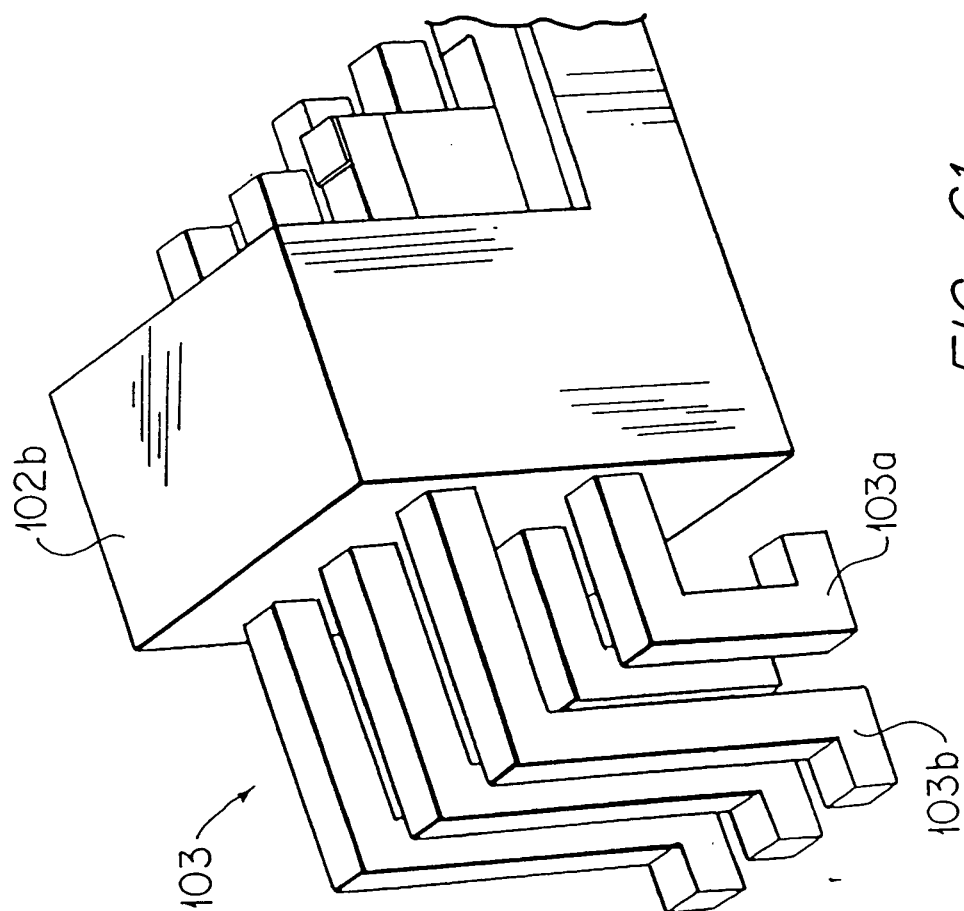


FIG. 61

FIG. 62

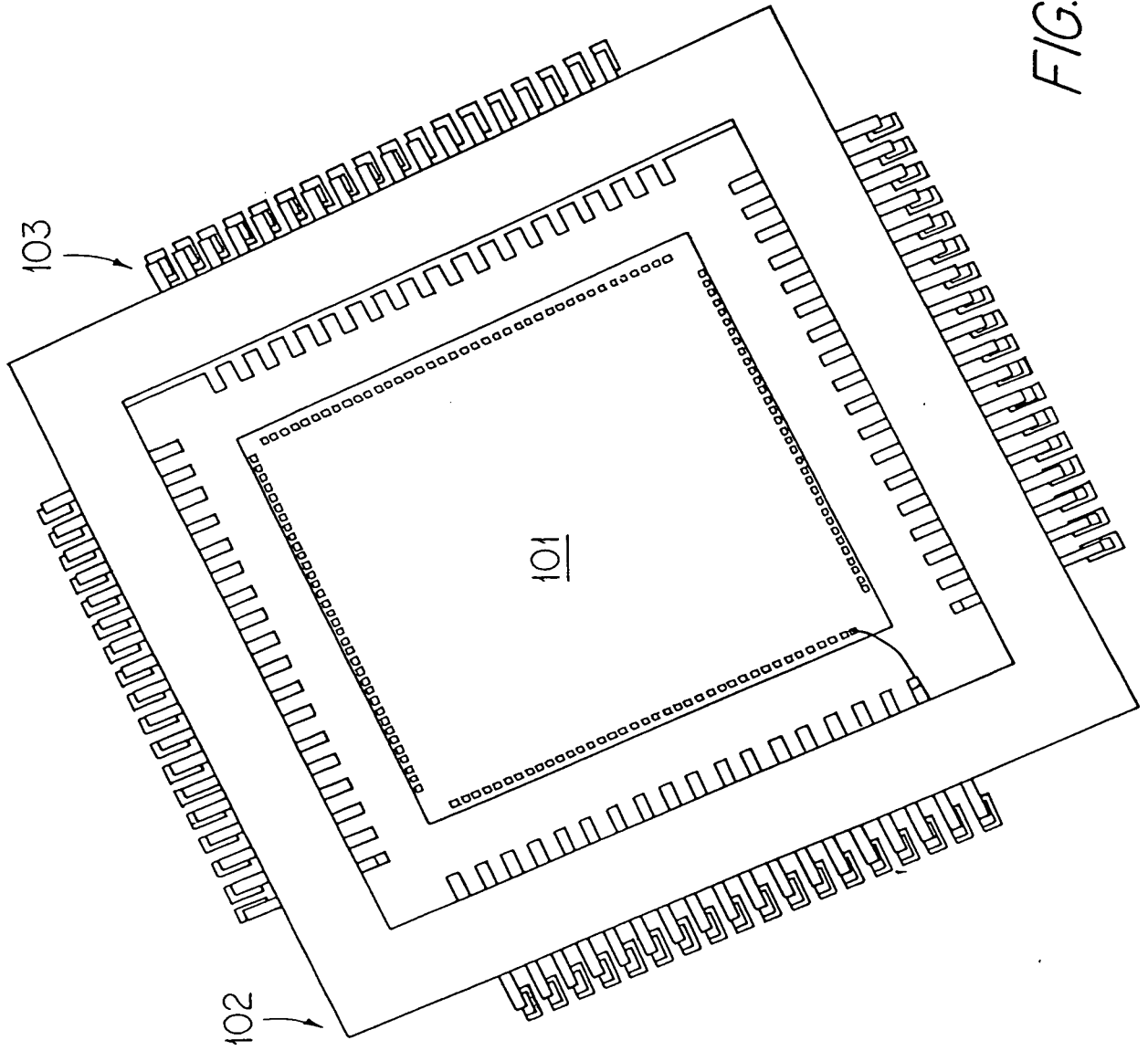


FIG. 62

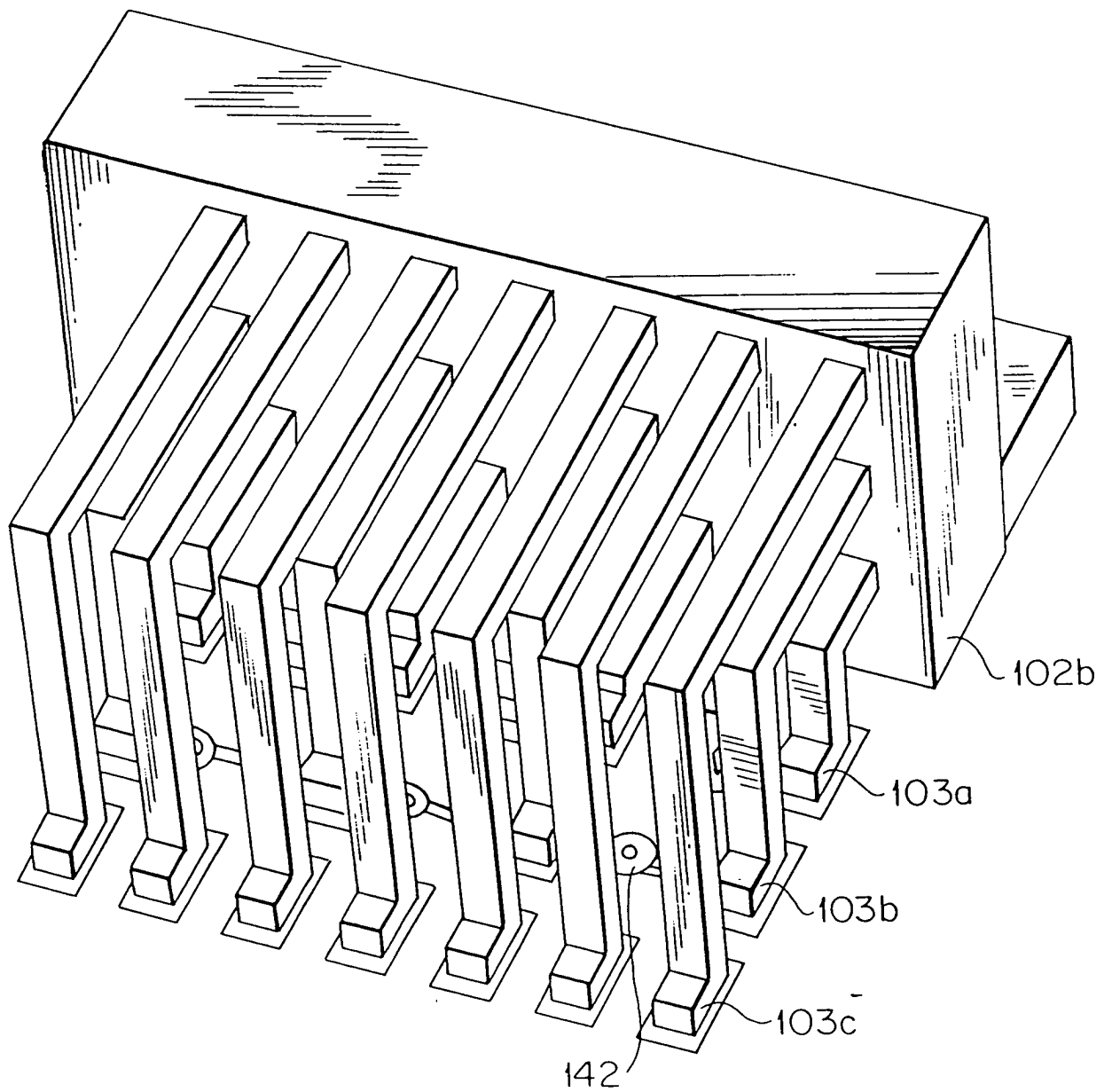


FIG 63

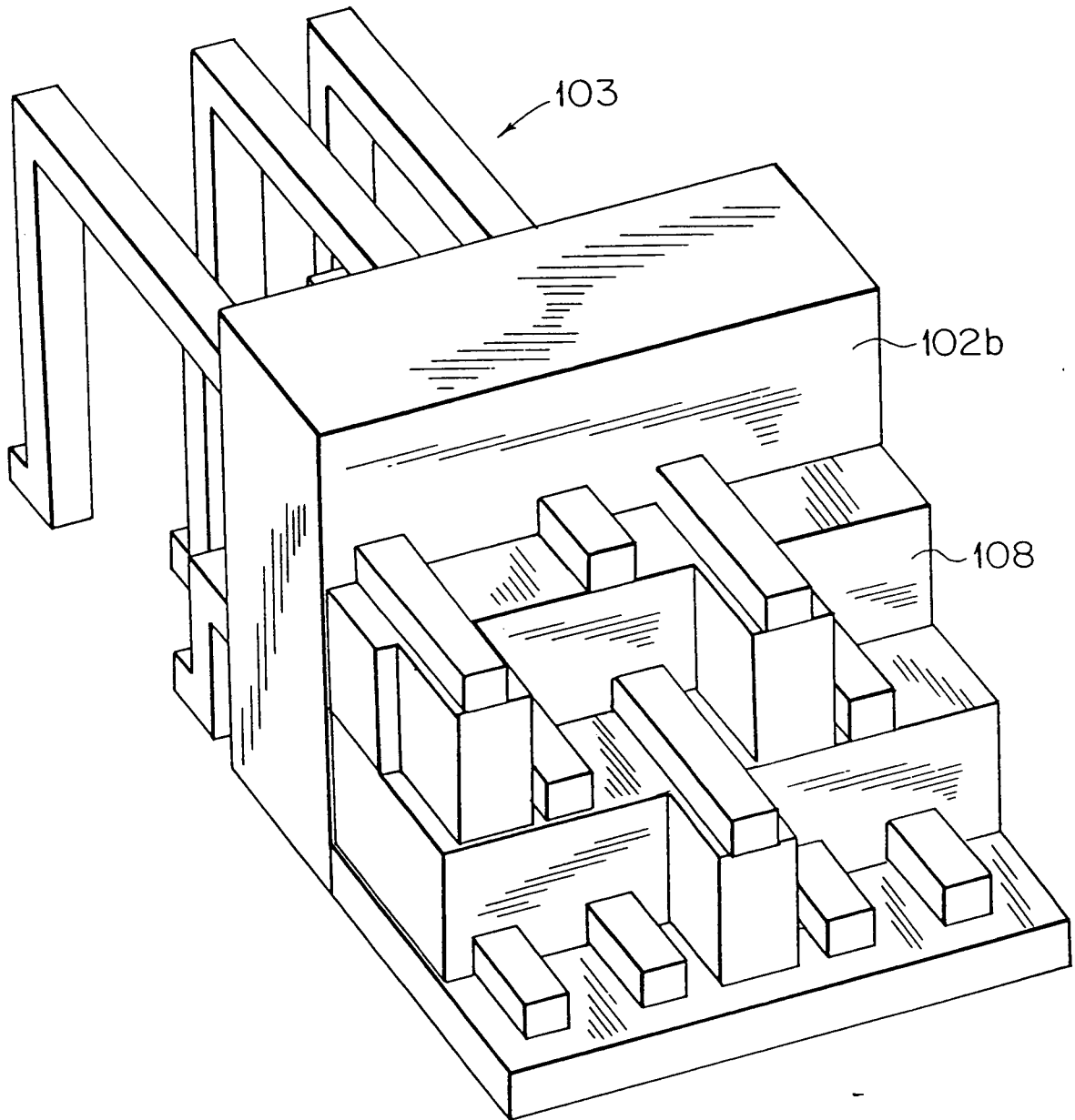


FIG. 64

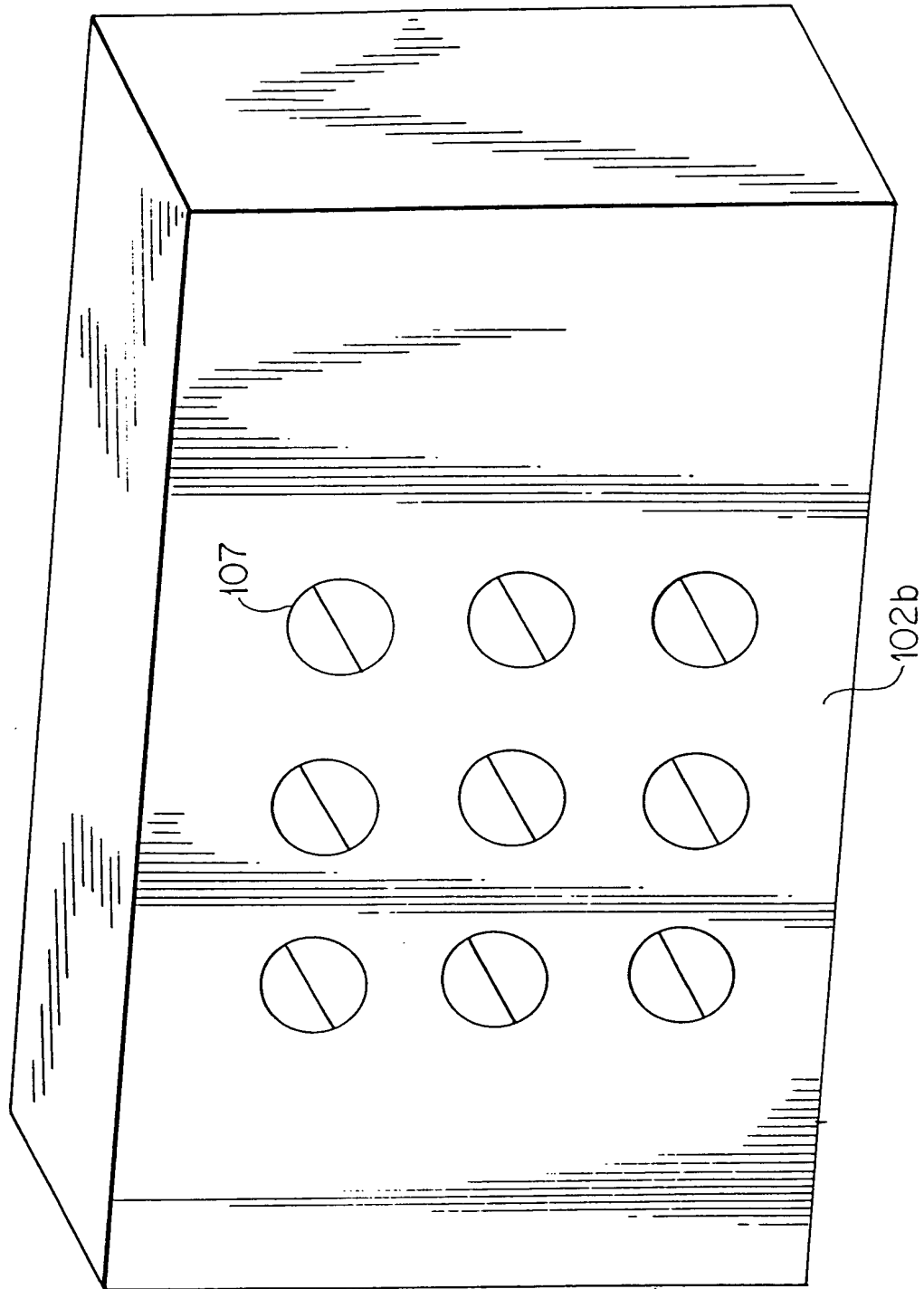


FIG. 66

102b



106260" 2443660

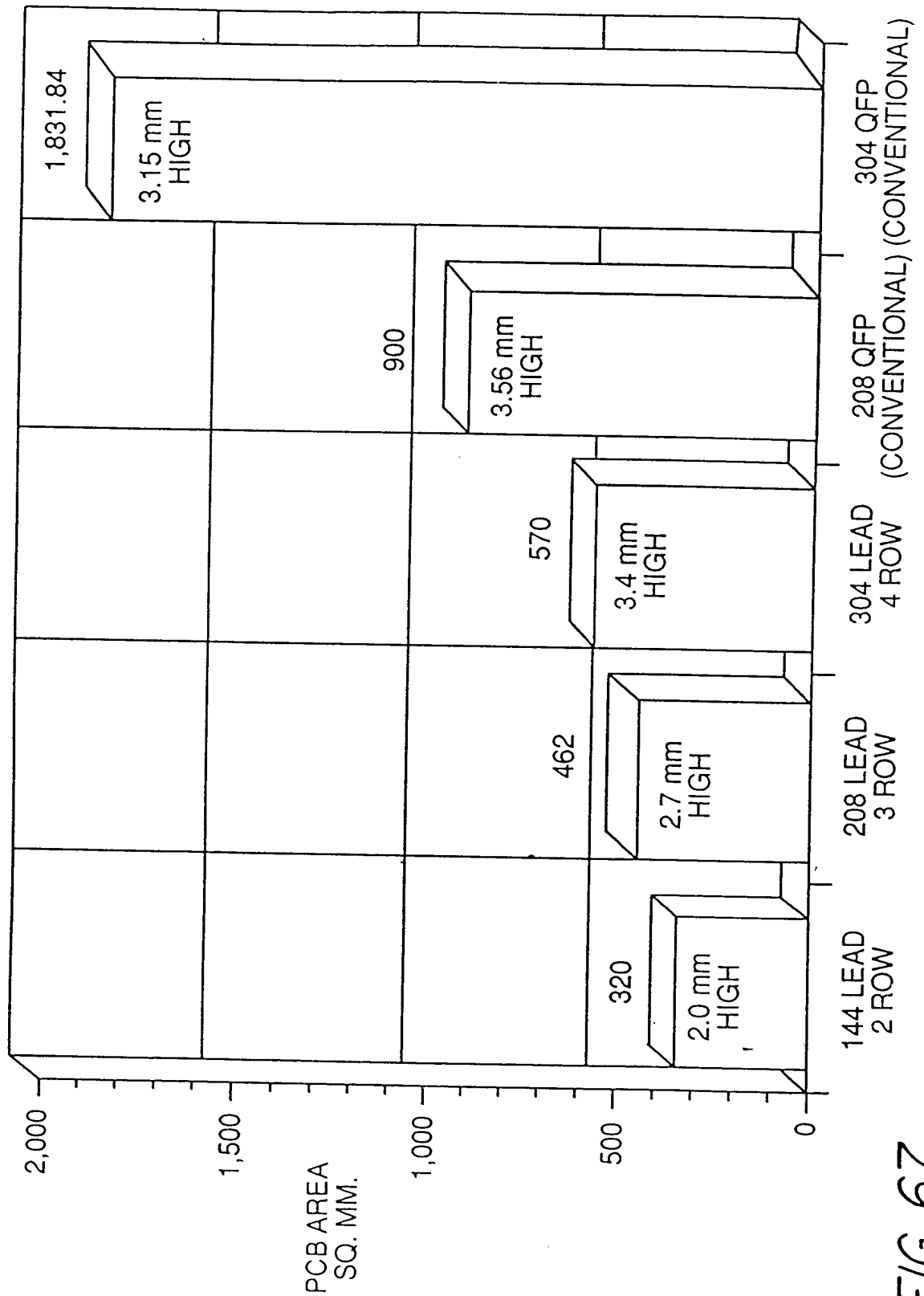


FIG. 67